# GENERAL CATALOGUE OF THE

# HOMOPTERA

Fascicle VII
CERCOPOIDEA

Part 1
MACHAEROTIDAE

BY

Z. P. METCALF, D. Sc.

State College of the University of North Carolina

Contribution from the Entomology Department, North Carolina Agricultural Experiment Station, Raleigh, N. C., U. S. A. Published by North Carolina State College, Raleigh, N. C. with the approval of the Director of Research, as Paper No. 1115.

Printed by a Grant in Aid from the National Science Foundation

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#### INTRODUCTION

A catalogue of animals should serve practically all fields of biology. It should be, therefore, as complete a listing of all the records of families, subfamilies, tribes, genera, species, and varieties as it is possible for the author to assemble. The nature of the reference is of the greatest importance. A student of zoogeography should be able to find a complete list of the regions inhabited by the various species. The student of ecology should be able to find references to all that is known about the life history, food plants, and other pertinent data. The student of economic entomology should be able to eheck the histories of those species that are suspected of being injurious to plants. The plant disease specialist should be able to eheck the current nomenelature of the species which are disease vectors or suspected of being disease vectors. Those research workers studying morphology, physiology, or genetics should be able to trace the development in the field of their special interest. And lastly, the student of taxonomy should be relieved of the burden of searching for past recordings, and the journals which publish taxonomic papers should not have to pay the cost of publishing the past records and duplicating the synonymy that is already well known. Thus it would be necessary only to record synonymy which has been developed since the publication of the eatalogue.

In this as in other catalogues of the present series the family is divided into genera which are arranged in as nearly a phylogenetic order as our present knowledge will permit. The species are arranged under the genera in alphabetic sequence.

The notes which follow the references are generally self explanatory, but three points may be mentioned here. Such notations as "[described]," "[notes]," "[key]," and the like are intended to be suggestive rather than precise or exclusive. The notation "[error]" means not accepted in this catalogue. Usually the latest published synonymy is accepted, but not always. The notation "[comparative note]" is used to designate those references, often of the greatest taxonomic significance, in which two generic, specific or other groups are compared. All references have been cheeked against the original save those marked with an asterisk (\*), which have been accepted from reliable sources. Every effort has been made to have the references full and complete and to give an indication of the eharaeter of the data contained. Where the writer knows that reprints have been issued with different pagination, this is indicated in parentheses following the page numbers of the original. In a few cases, where the matter has been reprinted under a different title with different pagination, separate references are given. Where authentic editions have been republished these have been indicated by separate references. Genera established without included species have been dated from their original description, with their type fixation dated at the earliest time the action can logically be interpreted to have occurred. Original spellings have been retained in all cases, except obvious typographical errors. Typographical errors are indicated by placing "[sic]" after the misspelled name. This is not for the purpose of ealling attention to the mistakes authors have made but to make certain that students following the catalogue have a clear understanding of what is implied.

The determination of obvious typographical errors is not always easy. These errors range all the way from clearly apparent transpositions of letters, to misspelled names of individuals, geographical names, and many others of like character. However, so many generic names have been formed by the transposition and substitution of letters that one is often at a loss to know which names are misspelled and which are not. For example, Neokolla and Keonolla, or Alebra, Elabra, and Eualebra.

All variations in spelling save those which refer to endings only, are appropriately cross-referred. The species have also been listed under every known generic combination so that it is possible to find any species without recourse to the index, which will be published at the completion of the Fascicle.

The writer takes no pride in the authorship of nomina nova. He uses them only when he thinks they are necessary. No new names are proposed for species or genera described by living authors without first giving the original author an opportunity to correct primary or secondary homonyms.

A catalogue is not a revision of a group and the location of the genera and species in the present catalogue is merely an attempt to reflect what is believed to be the general consensus of the best authorities at the present time. Doubtful genera and species have been included to call them to the attention of subsequent revisers.

An attempt has been made throughout this catalogue to interpret all references in the light of the period in which they were published. This is not always easy and leads perhaps to erroneous conclusions at times, but it is certainly much sounder from the standpoint of nomenclature than the tendency to evaluate references from previous decades in the light of present day practices and procedures.

In this series we have departed from our previous method of giving latinized names to varietics which in the past have been designated by Arabic letters, Greek letters, numbers, or other designations. All varieties are catalogued, however, under the first designation regardless of its form. Some of these varieties may prove to be valid species with further study and then may be given latinized designations.

Primary homonyms of species have been replaced by nomina nova;

secondary homonyms have been restored to their original names if the homonymy has been relieved by moving one or the other or both species to other genera.

All specific endings have been modified to agree with the suggestions made by Blackwelder 1940, Journal of the Washington Academy of Sciences 31: 135–140. There are certain disadvantages inherent in this method, but it seems to the writer that these limitations are outweighed by the advantages of this system. We are confronted by so many coined words that can have no sex that it seems better to use this system and disregard apparent violations of Latin and Greek grammar. Where the sex of generic names can be determined the appropriate adjustments are made in the specific names.

In a detailed catalogue such as this it is practically impossible to eliminate all errors. We will appreciate it very much if our attention is directed to all such mistakes. It is especially easy to overlook local lists when published in the proceedings of local natural history societies, references to species of economic importance when published in scientific agricultural journals, references to vectors of plant diseases when published in phytopathological journals, and many other references of a similar nature. It will be very much appreciated if authors will send us reprints of all articles dealing with the Homoptera. Also it would seem that changes in the nomenclature adopted in this catalogue should not be made in the future without a full explanation.

All literature available to the writer before December 31, 1955, has been included in this catalogue.

The present eatalogue of the Family Machaerotidae is the first part of the Cercopoidea. This was virtually complete at the time of the death of Dr. Z. P. Metealf on January 5, 1956. It was completed with the aid of Miss Virginia Wade, Research Analyst, N. C. State College, who worked with Dr. Metealf for seven years, and the technical advice of Dr. David A. Youag, N. C. State College, and Dr. P. W. Oman, Insect Identification and Parasite Introduction Laboratories, U. S. Department of Agriculture, Beltsville, Maryland. The higher categories utilized in this classification are those decided upon by Dr. Metealf during his work on the catalogue.

In this part of the catalogue a method of literature citation has been adopted which differs from that used in the catalogues of the fulgoroid families. This change has been instituted to save time, space, and publication costs. It is believed that the revised method of literature citation will cause no great inconvenience to the reader. Dr. Metcalf himself advocated it under certain conditions in the past, and it is felt that the use of abbreviated literature citations would have met with his approval for his catalogues.

Under the abbreviated system used here, and to be used for subsequent portions of the Cercopoidea catalogue, the literature references are cited

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by author, year, and key letter, e.g. Fabricius 1802a. The full reference can be obtained by eonsulting the *Bibliography of the Cercopoidea* in which authors are arranged alphabetically and their works chronologically under the author's name. This method of citation eliminates the necessity for a complete literature citation in the catalogue proper.

The Family Machaerotidae consists of thirty-one genera and 104 species. This family may be characterized as follows: Head narrower than pronotum; face strongly inflated. Thorax with scutellum as long or longer than pronotum and either acuminate apically or with a strong, arched, apical spine which is directed caudoventrad. Forewing with a single claval vein or with two claval veins which coalesce at or before their midlength. Hind wing with the outer branch of vein R (vein  $R_{2+3}$ ) absent. Nymphs forming fixed calcareous tubes of which the shape is specifically distinct.

The following elassification has been adopted for this family:

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One of the species in the present catalogue has a distribution covering two or more zoogeographic regions. The other species are recorded as follows: 34 from the Malaysian Region, 24 from the Oriental Region, 18 from the Palearetic Region, 17 from the Australian Region, 8 from the Ethiopian Region, and 2 from the Austromalayan Region.

The known geographic distribution of each species is indicated by superscript figures at the end of the lines, which correspond to geographic regions designated by the same superscript figures. In general the distribution is as given by the author of the reference, using the country as the smallest unit except in the larger countries where states and provinces are used as the smallest units. In the larger island groups the individual islands are indicated wherever possible in view of the importance of island endemism.

Z. P. METCALF
AND
D. A. YOUNG

Raleigh, North Carolina January 1960

# Family MACHAEROTIDAE Stål

Machaerotida Stål 1866a: 55 Subfamily [Key]

Dallas 1867a: 569 Subfamily [Key]

Machaerotina Stål 1870c: 727 Subfamily [Listed]

Atkinson 1885a: 22 Subfamily [Described, catalogued]

Equals Machaerotida

Machaerotida Hansen 1890a: 28 [Listed]

Kirkaldy 1906c: 290 [Key]

Machaerotinae Kirkaldy 1906c: 380 [Key] :388 Subfamily [Catalogued]

Kirkaldy 1907d: 19 [Key]

:22 [Key to genera from Australia]

Schmidt 1907b: 165 Subfamily [Monograph of the genera and species]

Distant 1908g: 79 Subfamily [Key, described, key to genera, catalogued] Equals Machaerotida Stål Equals Machaerotina Stål

Kirkaldy 1909j: 179 Subfamily [Listed]

Lefroy and Howlett 1909a: 732 [Notes]

Banks 1910a: 49 Subfamily [Listed]

Kirkaldy 1910a: 103 (1) [Notes]

Lallemand 1912a: 6 Subfamily [Key, described, key to tribes, catalogued] Equals Machaerotida Equals Machaerotina

Schmidt 1912e: 172 Subfamily [Catalogued] :173 [Comparative note]

Kirkaldy 1913a: 10 Subfamily [Notes]

Maki 1914a: 354 [Listed]

Melichar 1914b: 115 Subfamily [List of species from Java]

Schumacher 1915a: 84 Subfamily [Listed] Distant 1916a: 183 Subfamily [Listed]

Matsumura 1916b: 414 [Key] :419 [Notes]

Oshanin 1916a: 74 Subfamily [Bibliography] Delétang 1917a: 263 Subfamily [Key] :264 [Zoo-

geography] Matsumura 1917b: 414 [Key] :419 [Notes]

Schmidt 1918c: 366 Subfamily [Listed]

Baker 1919a: 68 [Described] :69 Subfamily [Key to tribes]

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Matsumura 1920a: 361 [Review of species from Japanl

Sehmidt 1920b: 65 Subfamily [Notes]

Jacobi 1921a: 2 Subfamily [New species from various regions

Haeker 1922a: 280 Subfamily [Listed]

Delétang 1923a: 584 Subfamily [Key, zoogeography]

Goding 1923a: 45 (1) Subfamily [Key] Lefroy 1923a: 262 Subfamily [Notes]

Haupt 1924a: 299 Subfamily [A new genus with a new

species from China]

Handlirsch 1925a: 1114 Subfamily [Described] Equals

Machaerotina Equals Machaerotida

Singh-Pruthi 1925b: 201, 202 Subfamily [Listed] Hacker 1926a: 246 [New species from Queensland]

Tillyard 1926d: 163 Subfamily [Listed]

Machaerotidae Baker 1927a: 530 Family [Key, key to subfamilies and tribes

Machaerotinae Lallemand 1927b: 99 Subfamily [New species from various regions]

Kato 1928e: 35 Family [Listed] Machaerotidae

Machaerotinae Sehmidt 1928b: 111 Subfamily [Listed]

Haupt 1929e: 222 Subfamily [Kev]

Machaerotidae Kato 1929a: 543 Family [A new species from Formosa]

Kato 1930a: 292 [Listed]

Machaerotinae Pendlebury 1930a: 108 Subfamily [Listed]

Machaerotidae Kato 1931e: 60 [Listed]

Brues and Melander 1932a: 109 [Key]

Kato 1932a: 139 Family [Listed]

Machaerotinae Matsumura 1932b: 306 [Listed]

Monte 1932a: 15 Subfamily [Listed]

Kato 1933e: 3 [Listed] Machaerotidae

Kato 1933d: 14 [Listed]

Kato 1933p: 31 Family [List of species from Japan] Metcalf and Horton 1934a: 371 Family [Kev] :423 [Notes] :424 [Key to subfamilies and tribes]

Okamoto 1934a: 403 [Listed]

Silvestri 1934a: 328 Subfamily [Listed] Machaerotinae

Machaerotidae China 1935c: 82 Family [A new genus and a new species

from Nyasaland

Macherotines Lameere 1935a: 399 [Notes]

SciELO 10 11 12 13 14 15 Machaerotinae Wu 1935a: 33 Subfamily [Catalogued] Equals Machaerotida Equals Machaerotina Wu 1935b: 151 Subfamily [Catalogued] Merino 1936a: 314 Subfamily [Phylogeny] Haku 1937b: 70 [List of species from Korea] Machaerotidae Evans 1938a: 7 [Listed] Machaerotinae Evans 1938e: 24 [Notes on venation] Kato 1939i: 648 Family [Listed] Maehaerotidae Metcalf 1939a: 247 [Listed] Evans 1940b: 70, 75 Family [Notes] Machaerotinae Lieftinck 1940a: 8 [Listed] Matsumura 1940a: 36 [Key] :39 Subfamily [Key to general:81 [Listed] Matsumura 1940b: 49 Subfamily [List of species from Manehurial Machaerotidae Jaeobi 1941a: 319 Family [Zoogeography] da Costa Lima 1942a: 71 [Listed] Essig 1942a: 309 Family [Listed] :317 [Notes] Maehaerotinae Liu 1942e: 5 [Listed] Machaerotidae Matsumura 1942b: 100 [Key] :105 [Key to genera] Jaeobi 1944a: 24 Family [New species from Fukien] :25 [Comparative note, catalogued] Metealf 1944b: 151 [Bibliography] Maa 1947a: 1 [Key] :2 Family [Described, key to subfamilies :25 [Listed] Metealf 1947a: 174; Pl. 29 Family [Zoogeography, illustratedl Machaerotinae Maa 1949a: 14 [Comparative note] Lallemand 1951a: 82 Subfamily [Listed] Metealf 1951a: 10 Family [Phylogeny] Maehaerotidae Pesson 1951a: 1502 [Listed] Kato 1952a: 38 Family [Zoogeography] Metealf 1952a: 228 Family [Listed] Obenberger 1952b: 24 [Listed] Machaerotinae Villiers 1952a: 215 Subfamily [Described, key, review] of genera and species from Africa, zoogeographyl Machaerotidae Franco 1953a: 6 [Notes] Maehaerotinae Lallemand and Synave 1953a: 234 [Listed] Mathur 1953a: 146 Subfamily [List of genera from

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India :151 [Listed]

Maehaerotidae

Brues, Melander, and Carpenter 1954a: 144 [Key]

Machaerotinae Lallemand 1955a: 406 Subfamily [A new species from Transvaal]

# Subfamily **HINDOLINAE** Baker

Hindoliinae Baker 1927a: 531 Subfamily [Key, key to genera]

[sie] Equals Enderleiniinae

Hindolinae Brues and Melander 1932a: 109 [Key] Equals Ender-

leiniinae

Kato 1933p: 31 Subfamily [List of species from Japan] Metcalf and Horton 1934a: 424 Subfamily [Notes, key]

Hindoliinae [sie]

Hindolinae China 1935c: 82 Subfamily [Listed] Equals Ender-

leiniinae Schmidt

Hindoliinae Kato 1939i: 649 Subfamily [Catalogue of species from

[sie] Japan

Hindolinae Metcalf 1939a: 247 [Listed]

Hindoliinae Evans 1940b: 70 Subfamily [Listed]

[sic]

Hindolinae Metcalf 1944b: 151 [Bibliography]

Maa 1947a: 1, 25 [Listed] :3 [Key] :6 Subfamily [De-

seribed, key to genera] :20 [Key to genera]

Hindolini Lallemand 1951a: 83 Tribe [Described] Hindolinae Kato 1952a: 39 Subfamily [Notes]

Metealf 1952a: 228 Subfamily [Listed]

Brues, Melander, and Carpenter 1954a: 144 [Key]

Equals Enderleiniinae

# Tribe HINDOLINI Lallemand

Enderleiniini Schmidt 1907b: 166 Tribe [Key] :167 [Key to genera]

Lallemand 1912a: 7 Tribe [Key, described, eatalogued,

key to genera]

Schmidt 1912e: 172 Tribe [Described, eatalogued]

Schumacher 1915a: 84 Tribe [Listed]

Sehmidt 1918e: 366 Tribe [Listed]

Baker 1919a: 67 [Notes]

Enderleinini Haupt 1924a: 299 Tribe [Listed]

[sie]

Hindolini Lallemand 1924e: 297 Tribe [A new species from New

Caledonia]

Enderleiniini Handlirsch 1925a: 1114 [Listed]

Hindolini Baker 1927a: 531 [Key]

China 1935e: 82 Tribe [Listed]

Hindolina

Lallemand 1951a: 83 Subtribe [Described] :84 [New

genera and species

Hindolini

Metcalf 1952a: 228 Tribc [Listed]

# Genus Hindola Kirkaldy

Orthotype [Hindola] viridicans Kirkaldy 1900b: 243

Type Hindola viridicans Lallemand 1912a: 72
Type Hindola viridicans Distant 1916a: 195

Type Ptyelus viridicans Baker 1927a: 538

[Carystus Stål]

[Logotype Ptyelus viridicans Stål]

[Makiptyelus Maki]

[Haplotype Makiptyelus dimorphus [n. sp.] Maki 1914a: 354]

[Type Makiptyclus dimorphus Matsumura 1940a: 40]

[Modiglianiclla Schmidt]

[Октнотуре  $Modiglianiella\ sumatrcnsis\ [n.\ sp.]$  Schmidt 1912e: 173]

[Type Modiglianella [sie] sumatrensis Lallemand 1912a: 12]

[Pectinariophycs Kirkaldy]

[Haplotype [Pectinariophyes] pectinaria [n. sp.] Kirkaldy 1906c: 386]

[Type Pectinarophyes [sic] pectinaria Lallemand 1912a: 10]

[Type [Pectinariophycs] pectinaria Schmidt 1912e: 173]

[Polytrichophycs Schmidt]

[Orthotype Polytrichophyes acqualior Schmidt 1918c: 366]

 $[Quinquatrus\ {\bf Distant}]$ 

[Orthotype Q[uinquatrus] dohertyi [n. sp.] Distant 1916a: 197]

[Type Q[uinquatrus] dohertyi Baker 1927a: 539]

[Taihorina Schumacher]

[Orthotype Taihorina geisha [n. sp.] Schumacher 1915a: 84]

[Type T[aihorina] geisha Baker 1927a: 539]

 $[Xcnaias\ {\bf Distant}]$ 

[Октнотуре X[enaias] notandus [n. sp.] Distant 1916a: 198]

[Type X[cnaias] notandus Baker 1927a: 539]

Carystus Stål 1862a: 303 [gen. n.]

Stål 1866a: 69 [Key] :81 [Described, catalogued]

Dallas 1867a: 571 [Comparative note] Marschall 1873a: 357 [Catalogued]

Spångberg 1878c: 11 [Catalogued, key to species]

Scudder 1882b: 55 [Listed]

Atkinson 1885a: 21 [Described, catalogued]

Kirkaldy 1900b: 243 Nom. nov. pro Carystus Stål [1862] [nec Carystus Huebner 1819]

Carystus Melichar 1902e: 113 (38) [Comparative note]

Hindola Waterhouse 1902a: 169 [Listed]

Pectinariophyes Kirkaldy 1906e: 386 [gen. n.] :276 [Life history notes]

:277, 312 [Listed]

Hindola Kirkaldy 1906c: 384 [Comparative note] :387 [Cata-

logued

Kirkaldy 1907d: 19 [Taxonomy] Equals Carystus

Pectinariophyes Kirkaldy 1907d: 19 [Comparative note] :22 [Key]

Modiglianiella Schmidt 1912c: 173 [gen. n.]

Modiglianella Lallemand 1912a: 7 [Key] :12 [Described, catalogued]

[sic]

Hindola

Pectinarophyes Lallemand 1912a: 7 [Key] :10 [Described, catalogued]

[sic]

Hindola Lallemand 1912a: 21 [Key]: 72 [Described, catalogued]

Equals Carystus Stål

Pectinariophyes Schmidt 1912e: 173 [Comparative note]

Waterhouse 1912a: 221 [Listed] Kirkaldy 1913a: 10 [Notes]

Maki 1914a: 354 [gen.n.]

Hindola Distant 1915d: 507 [Comparative note] Equals Carystus

Taihorina Schumacher 1915a: 84 [gen. n.]

Modiglianella Schumacher 1915a: 84 [Comparative note]

[sic]

Hindola Distant 1916a: 195 [Described, zoogeography, cata-

logued] Equals Carystus Stål :196 [Comparative

notel

QuinquatrusDistant 1916a: 197 [gen. n.]XenaiasDistant 1916a: 198 [gen. n.]CarystusOshanin 1916a: 74 [Bibliography]

Polytrichophyes Schmidt 1918c: 366 [gen. n.]

Hindola Baker 1919a: 67 [Comparative note] Equals Carystus

Stål

Modiglianella Baker 1919a: 67 [Comparative notes] :68 [Zoogcog-

[sie] raphy]

Quinquatrus Baker 1919a: 67 [Comparative note]

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*Pectinarophyes* Baker 1919a: 68 [Zoogeography, eatalogued] [sie] Pectinariophyes Jaeobi 1921a: 3 Equals Pectinarophyes [sie] Haeker 1922a: 280 [Listed] ModiglianellaHaupt 1924a: 299 [Comparative note] sie Pectinariophyes Tillyard 1926d: 163; Text fig. Q23 [Notes, illustrated] Hindola-Baker 1927a: 529 [Notes] :532 [Key] :538 [Notes, eatalogued] :532, 538 Equals Modiglianella [sie] Sehmidt Equals Pectinariophyes Kirk. Equals Polytrichophyes Sehmidt Equals Taihorina Sehum. :538 Equals Carystus Stål :532, 538, 546 Equals Quinquatrus Dist. Equals Xenaias Dist. :540 [Notes on nymphal tubes] :535, 537, 541, 542, 543, 544, 545, 546 [Comparative notes] Sehulze, Kükenthal and Heider 1927a: 559 [Cata-Carystus loguedl Kato 1928e: 35 [A new species from Formosa] Makiptyelus Hindola Pendlebury 1930a: 108 [Listed] Sehulze, Kükenthal and Heider 1930a: 1559 [Catalogued Equals Carystus Stål Brues and Melander 1932a: 109 [Zoogeography] ModiglianiellaSehulze, Kükenthal and Heider 1932a: 2122 [Cataloguedl Sehulze, Kükenthal and Heider 1933b: 2550 [Cata-**Pectinariophyes** logued *Polytrichophyes* Seliulze, Kükenthal and Heider 1935a: 2793 [Cataloguedl Quinquatrus Sehulze, Kükenthal and Heider 1936a: 2991 [Cataloguedl TaihorinaSehulze, Kükenthal and Heider 1938a: 3378 [Cataloguedl Carystus Neave 1939a: 595 [Catalogued] To Hindola Kirk. Hindola Neave 1939b: 659 [Catalogued] Equals Carystus Stål. Evans 1940b: 72 Equals Pectinariophycs Kirk. Makiptyelus Matsumura 1940a: 39 [Key]: 40 [Described, eatalogued] :82 [Listed] TaihorinaMatsumura 1940a: 39 [Key] :41 [Comparative note] Hindola Matsumura 1940a: 40 [Comparative note] ModiglianiellaNeave 1940a: 196 [Catalogued] Pectinariophyes Neave 1940a: 630 [Catalogued] Neave 1940a: 865 [Catalogued] Polytrichophyes

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Quinqualrus Neave 1940b: 3 [Catalogued] TaihorinaNeave 1940b: 390 [Catalogued] Xenaias Neave 1940b: 665 [Catalogued]

Schulze, Kükenthal, and Heider 1940a: 3663 [Cata-

logued

Essig 1942a: 318 [Listed] *Pectinariophyes* 

Hindola Liu 1942e: 5, 7 [Comparative notes] Makiptyelus Matsumura 1942b: 106 [Key] Hindola Matsumura 1942b: 106 [Key] Taihorina Matsumura 1942b: 106 [Kev]

Hindola Jacobi 1944a: 25 [Comparative note] Taihorina Jacobi 1944a: 25 [Comparative note]

McKeown 1944c: 281 [Notes] Pectinariophyes Mctcalf 1944b: 137 [Bibliography] Makiptyelus Metcalf 1944b: 151 [Bibliography] Carystus

Hindola Maa 1947a: 7, 20 [Key] :8, 20 [Described] :10, 17 [Listed] :8, 18, 20 Equals Makiptyelus Mats. Equals Parahindola Bak. [crror]:25 [Catalogue of

species from China]

Taihorina Maa 1947a: 8 [Comparative note]:10 [Listed]

Makiptyelus Maa 1947a: 17 [Listed]

Carystus Maa 1947a: 8 [Comparative note]

Hindola Maa 1949a: 11 [Listed]

Makiptyelus Neave 1950a: 146 [Catalogued]

Hindola Lallemand 1951a: 87 [Comparative note] Equals

Carystus

Brucs, Melander, and Carpenter 1954a: 144 [Zoogeography

\_Spångberg (var.) [mutabilis]. See Hindola mutabilis var.\_Spångberg.

# aequalior Kirkaldy

[Polychaetophyes] aegualior Kirkaldy 1906c: 385 [n. sp.]<sup>1</sup>:312 [Listed]<sup>2</sup> P[olychaetophyes] aequalior Lallemand 1912a: 10 [Catalogued]<sup>1</sup> Polytrichophyes aequalior Schmidt 1918c: 367 [Described]<sup>1</sup> [Hindola] aegualior Baker 1927a: 538 [Listed]

Localities: 1 Queensland. 2 Australia.

albicincta Erichson. See Bathyllus albicinctus Erichson. Family APHROPHORIDAE.

## antica Jacobi

Pectinariophyes antica Jacobi 1921a: 3; Figs. 1, 1a [n. sp., illustrated]<sup>1</sup> Localities: 1 Dutch New Guinea.

#### australiae Walker

Lepyronia (?) australiae Walker 1851b: 727 [n. sp.]<sup>1</sup> Aphrophora admittens Walker 1858e: 345 [n. sp.]<sup>1</sup> Aphrophora (?) areolata Walker 1858c: 345 [n. sp.]<sup>2</sup>

[Lepyronia] (?) australiae Dohrn 1859a: 69 [Listed]<sup>1</sup>

[Carystus australiae] Stål 1862b: 494 [Catalogued] Equals Lepyronia (?) australiae Walk. Equals Aphrophora admittens Walk. Equals Aphrophora (?) areolata Walk.

Lepyronia (?) australiae Kirkaldy 1906c: 387 [Catalogued]<sup>1</sup> Equals Aphrophora admittens Walk. Equals A[phrophora] (?) areolata Walk.

H[indola] australiae Lallemand 1912a: 72 [Catalogued]<sup>1</sup> Equals
 Aphrophora admittens Walk. Equals Aphrophora areolata Walk.
 Equals Carystus australiae Stål Equals Lepyronia (?) [australiae]
 Walk.

Localities: 1 Australia, 2 Tasmania,

#### bifrons Walker

Aphrophora bifrons Walker 1851b: 702 [n. sp.]<sup>1</sup>

[Aphrophora] bifrons Dohrn 1859a: 68 [Listed]<sup>1</sup>

A[phrophora] bifrons Kirkaldy 1906c: 38 [Catalogued]<sup>1</sup>

H[indola] bifrons Lallemand 1912a: 72 [Catalogued]¹ Equals Aphrophora [bifrons] Walk.

Localities: 1 Australia.

compacta Walker. See Chaetophyes compacta Walker.

convexa Walker. See Bathyllus convexus Walker. Family APHROPHORIDAE.

# dimorpha Maki

Makiptyelus dimorphus Maki 1914a: 354; Pl. XVII; 2 text figs. [n. sp., life history, illustrated]

Makiptyelus dimorphus Matsumura 1916b: 419; [Pl. 17], Figs. 20, 20a-d [Notes, illustrated]

Makiptyelus dimorphus Matsumura 1917b: 419; [Pl. 17], Figs. 20, 20a-d [Notes, illustrated]

Makiptyelus dimorphus Matsumura 1920a: 361; Pl. [13], Fig. 2 [Described, economics, illustrated]<sup>1</sup>

Makiptyelus dimorphus Matsumura 1931a: [1246]; 1 text fig. [Described, illustrated]<sup>1</sup>

Makiptyelus dimorphus Esaki 1932b: 1717; 1 fig. [Described, illustrated]<sup>1</sup>

Makiptyelus dimorphus Matsumura 1932b; 306; [Pl. 21], Fig. 2 [Described, illustrated]<sup>1</sup>

Hindola dimorpha Kato 1933b: Pl. 46, Figs. 4, 5 [Notes, illustrated]<sup>1</sup> Hindola dimorpha Kato 1933p: 31 [Listed]<sup>1</sup>

Makiptyelus dimorphus Haku 1937b: 70 [Listed]<sup>2</sup>

Makiptyelus dimorphus Watanabe 1937a: 109, 212 [Economics]<sup>1</sup>

Hindola dimorpha Kato 1939i: 649 [Catalogued, food plants]<sup>3</sup> Equals Makiptyelus dimorphus Maki

Makiptyelus dimorphus Matsumura 1940a: 41 [Listed] :82 [Cataloged]3

Hindola dimorpha Liu 1942e: 5 [Comparative note, catalogued]<sup>1</sup>

Neuromachaerota becquarti Liu 1942c: 5-7; 1 pl. [n. sp., illustrated]<sup>4</sup>

Makiptyelus dimorphus [Miwa] 1943a: 72 [Economics]<sup>3</sup>

Hindola dimorpha Maa 1947a: 1, 17 [Listed] :10; Pl. I, Fig. 3 [Described, food plants, illustrated] Equals Neuromachaerota beequarti Liu: 22 [Food plants]<sup>3, 4</sup>: 21 [Comparative note]: 26 [Catalogued]<sup>3, 4</sup> Equals Makiptyelus dimorphus Mats. :22, 26 Equals Neuromachaerota becquarti Liu

Makiptyelus dimorphus Maa 1947a: 17, 18 Equals Neuromachaerota beeguarti Liu

Localities: 1 Japan. 2 Korea. 3 Formosa. 4 Kiangsu.

# dohertyi Distant

Quinquatrus dohertyi Distant 1916a: 197; Fig. 151 [n. sp., illustrated]<sup>1</sup> [Hindola] dohertyi Baker 1927a: 539 [Listed] :546; Pl. 4, Fig. 1 [Described, illustrated] :539, 546 Equals Q[uinquatrus] dohertyi Localities: 1 Tenasserim.

#### fasciata Lallemand

Hindola fasciata Lallemand 1955a: 406; Figs. 1-3 [n. sp., illustrated]<sup>1</sup> Localities: 1 Transvaal.

#### fulva Baker

Hindola fulva Baker 1927a: 541; Pl. 3, Figs. 25–28 [n. sp., illustrated]<sup>1</sup> :543, 546 [Comparative notes] Localities: 1 Singapore Island.

#### geisha Schumacher

Taihorina geisha Schumacher 1915a: 85 [n. sp.]<sup>1</sup>

[Hindola geisha] Baker 1927a: 539 [Listed] Equals T[aihorina] geisha Makiptuelus fasciatus Kato 1928c: 35; Pl. II, Figs. 4a-b [n. sp., illustrated]1

Taihorina geisha Esaki 1932b: 1718; 1 fig. [Described, illustrated]<sup>2</sup>

Taihorina geisha Kato 1933b: Pl. 46, Fig. 6 [Notes, illustrated]<sup>2</sup>

Taihorina geisha Kato 1933c: 3; Text fig. 3 [Notes, illustrated]<sup>3</sup>

Taihorina geisha Kato 1933d: 14 [Listed]<sup>3</sup>

Taihorina geisha Kato 1933h: 87 [Listed] Taihorina geisha Kato 1933p: 31 [Listed]<sup>2</sup>

Taihorina gcisha [Habe and Sakuragi] 1935a: 201 [Listed]

Taihorina geisha Kato 1939i: 649 [Food plants, catalogued]<sup>1</sup> Equals Makiptyclus fasciatus Kato

Taihorina geisha Matsumura 1940a: 82 [Catalogued]<sup>1</sup> Taihorina geisha Matsumura 1940b: 49 [Catalogued]<sup>4</sup> T[aihorina] geisha Matsumura 1942b: 82 [Comparative note] Taihorina tomon Matsumura 1942b: 82 Nom. nov. pro Taihorina geisha Kato [1933] [nec Taihorina geisha Schumaeher 1915] [Deseribed, eatalogued]<sup>3, 5</sup>

Hindola robusta Jacobi 1944a: 24 [n. sp.]6

H[indola] geisha Jacobi 1944a: 24 [Comparative note]

Hindola geisha Maa 1947a: 8, 21; Pl. I, Figs. 1–2 [Described, illustrated, food plants]<sup>3, 6, 7</sup>:17 [Listed]:21 [Comparative note]:25 [Catalogued]<sup>1, 3, 6, 7</sup> Equals Taihorina geisha Schum.:8, 25 Equals Makiptyelus fasciatus Kato Equals Taihorina tomon Mats.

Taihorina geisha Maa 1947a: 17, 18 Equals T[aihorina] tomon Mats. Hindola geisha Maa 1949a: 11 [Notes]<sup>1, 3, 6, 7</sup> Equals H[indola] robusta

Localities: <sup>1</sup> Formosa. <sup>2</sup> Japan. <sup>3</sup> Manchuria. <sup>4</sup> Southern Manchuria. <sup>5</sup> Korea. <sup>6</sup> Fukien. <sup>7</sup> Chosen.

# hvalinipennis Stål

P[tyclus] hyalinipennis Stål 1855a: 96 [n. sp.]<sup>1</sup>

Ptyelus hyalinipennis Walker 1858e: 347 [Catalogued]<sup>1</sup>

[Ptyelus] hyalinipennis Dohrn 1859a: 68 [Listed]<sup>2</sup>

[Carystus hyalinipennis] Stål 1862a: 303 Equals Ptyelus hyalinipennis Stål

C[arystus] hyalinopterus Stål 1866a: 82 Nom. nov. pro Ptyelus hyalinipennis Stål [1855]: [Described, catalogued]<sup>2</sup>

Carystus hyalinopterus Dallas 1867a: 569 Equals Ptyelus hyalinipennis Stål

Carystus hyalinipennis Spångberg 1878e: 14 [Described, eatalogued]<sup>2</sup> Equals Ptyelus hyalinipennis Stål Equals Carystus hyalinopterus Stål

H[indola] hyalipennis [sic] Lallemand 1912a: 73 [Catalogued]<sup>2</sup> Equals
 Ptyelus [hyalinipennis] Stål Equals Carystus hyalipennis [sie]
 Spångb. Equals Carystus hyalinopterus Stål

 $[Hindola]\ hyalinipennis$  Jaeobi 1921a: 31 [Listed]

Ptyclus hyalinipennis Maa 1947a: 8 [Comparative note]

H[indola] hyalinipennis Lallemand 1955a: 407 [Comparative note] Localities: \(^1\) Natal. \(^2\) Caffraria.

hyalipennis. Typographical error for Hindola hyalinipennis Stål. longipennis Lallemand. See Strandiana longipennis Lallemand.

#### lucida Distant

Hindola lucida Distant 1916a: 195; Fig. 149 [n. sp., illustrated]<sup>1</sup> Localities: <sup>1</sup> Cochin.

#### **luzonensis** Baker

 $Hindola\ luzonensis$ Baker 1927a: 540; Pl. 2, Figs. 22–24 [n. sp., illustrated]  $^1$ 

Localities: 1 Luzon.

# mutabilis Spångberg

Carystus mutabilis Spångberg 1878c: 13 [n. sp.]<sup>1</sup>

C[arystus] mutabilis Kirkaldy 1906c: 387 [Catalogued]<sup>1</sup>

H[indola] mutabilis Lallemand 1912a: 73 [Catalogued]¹ Equals Carystus [mutabilis] Spångb.

Localities: 1 Australia.

# mutabilis var.\_Spångberg

[Carystus mutabilis] var.\_\_Spångberg 1878e: 14 [n. var.]<sup>1</sup> Localities: <sup>1</sup> Australia.

#### nitida Baker

Hindola nitida Baker 1927a: 542; Pl. 3, Figs. 29–31 [n. sp., illustrated]<sup>1</sup>:542, 546 [Comparative notes]

Localities: 1 British North Borneo.

#### notanda Distant

Xenaias notandus Distant 1916a: 198; Fig. 152 [n. sp., illustrated]<sup>1</sup> [Hindola notanda] Baker 1927a: 539 [Listed]<sup>1</sup> :545; Pl. 4, Fig. 2 [Described, illustrated] :539, 545 Equals X[enaias] notandus Localities: <sup>1</sup> Madras.

# pectinaria Kirkaldy

[Pcctinariophyes] pcctinaria Kirkaldy 1906c: 386; Pl. XXVII, Fig. 8 [n. sp., illustrated]<sup>1</sup>:312 [Listed]<sup>2</sup>

P[ectinariophycs] pectinaria Lallemand 1912a: 10 [Catalogued]<sup>1</sup>

Pectinariophyes pectinaria Hacker 1922a: 280; Pl. XVII, Figs. 1–4 [Ecology, illustrated]<sup>1</sup>:281 [Comparative note]

Pectinariophyes pectinaria China 1927f: 77; Figs. 3f, 5 [Notes, illustrated] Pectinariophyes pectinaria Evans 1940b: 70 [Life history notes]<sup>2</sup> Hindola [pectinaria] Evans 1940b: 72 Equals Pectinariophyes pectinaria Kirk.

Pectinariophyes pectinaria Mc Kcown 1944c: 281; 2 figs. [Life history notes, illustrated]<sup>2</sup>

Localities: 1 Queensland. 2 Australia.

reticulata Spångberg. See Neurohindola reticulata Spångberg.

robusta Jacobi. See Hindola geisha Schumacher.

sororculus. Typographical error for  $Hindola\ sorurcula\ Spångberg$ .

#### sorurcula Spångberg

Carystus sorurculus Spångberg 1878c: 12 [n. sp.]<br/>1.  $^{\rm 2}$ 

C[arystus] sorurculus Kirkaldy 1906c: 387 [Catalogued]<sup>3</sup>

H[indola] sororculus [sic] Lallemand 1912a: 73 [Catalogued]<sup>3</sup> Equals Carystus [sorurculus] Spångb.

[Hindola] sorurcula Jacobi 1921a: 31 [Listed]

Localities: <sup>1</sup> Northern Australia, <sup>2</sup> Western Australia, <sup>3</sup> Australia,

# stålii Spångberg

Carystus stålii Spångberg 1878c: 12 [n. sp.]<sup>1, 2</sup>

C[arystus] ståli Kirkaldy 1906e: 387 [Catalogued]<sup>3</sup>

H[indola] stålii Lallemand 1912a: 73 [Catalogued]<sup>3</sup> Equals Carystus [stålii] Spångb.

Localities: 1 Northern Australia. 2 Western Australia. 3 Australia.

# sumatrensis Sehmidt

Modiglianiella sumatrensis Sehmidt 1912e: 175; 3 figs. [n. sp., illustrated]<sup>1</sup>

M[odiglianiella] sumatrensis Lallemand 1912a: 12 [Catalogued]<sup>1</sup>

H[indola] sumatrensis Pendlebury 1930a: 108 [Listed]<sup>2</sup> Equals Modiglianella [sie] sumatrensis Sehmidt

Localities: 1 Sumatra. 2 Malaya.

#### viridicans Stål

P[tyelus] viridicans Stål 1854b: 251 [n. sp.]<sup>1</sup>

Ptyelus viridicans Walker 1858e: 346 [Catalogued]<sup>1</sup>

[Ptyelus] viridicans Dohrn 1859a: 68 [Listed]<sup>1</sup>

Ptyelus viridicans Stål 1859b: 286 [Described, catalogued]<sup>1, 2, 3</sup>

 $[Carystus\ viridicans]$ Stål 1862a: 303 Equals  $Pt[yclus]\ viridicans$ Stål

Carystus viridicans Spångberg 1878e: 13 [Described, eatalogued]<sup>1, 2, 3</sup> Equals Ptuelus viridicans Stål

Carystus viridicans Atkinson 1885a: 21 [Described, eatalogued]<sup>1, 2, 3, 4</sup> Equals Ptyclus viridicans Stål

[Hindola viridicans] Kirkaldy 1900b: 243 Equals [Carystus] viridicans Stål

Hindola viridicans Distant 1908g: 109 [Catalogued]<sup>1, 2, 3</sup> Equals Carystus [viridicans] Spångb. Equals Ptyclus [viridicans] Stål

H[indola] viridicans
 Lallemand
 1912a: 73 [Catalogued]<sup>1, 3, 5</sup> Equals
 Carystus [viridicans]
 Spångb. Equals
 Ptyclus [viridicans]
 Stål

H[indola] viridicans Distant 1916a: 195 [Listed]<sup>1, 3, 5</sup>:196 [Comparative note]

Hindola viridicans Baker 1927a: 538 [Catalogued]<sup>3</sup> Equals Ptyclus viridicans Stål: 540; Pl. 2, Figs. 16-21 [Described, illustrated]<sup>3</sup>:542 [Comparative notes]

Hindola [viridicans] Liu 1942e: 7 [Described, comparative note, eatalogued] Equals Ptyclus viridicans Stål

Localities: <sup>1</sup> Java. <sup>2</sup> Malacca. <sup>2</sup> Singapore Island. <sup>4</sup> Tenasserim. (?) <sup>5</sup> Tenasserim.

# Genus Neurohindola Lallemand

ORTHOTYPE Carystus reticulatus Lallemand 1951a: 87

Neurohindola Lallemand 1951a: 87 [gen. n.]

cm 1 2 3 4 5 6 SciELO 10 11 12 13 14 15

# reticulata Spångberg

Carystus reticulatus Spångberg 1878c: 12 [n. sp.]<sup>1</sup>

Carystus reticulatus Kirkaldy 1906c: 387 [Catalogued]<sup>2</sup>

H[indola] reticulatus Lallemand 1912a: 73 [Catalogued]<sup>3</sup> Equals Carystus [reticulatus] Spångb.

[Hindola] reticulata Jaeobi 1921a: 31 [Listed]

[Neurohindola reticulata] Lallemand 1951a: 87 [Catalogued]<sup>2</sup> Equals Carystus reticulatus Spångb.

Localities: 1 Queensland. 2 Australia. 3 Northern Australia.

# Genus Machaeropsis Melichar

Haplotype Machaeropsis valida [n. sp.] Melichar 1903b: 137

Type Mach[aeropsis] valida Schmidt 1907b: 170 Type M[achaeropsis] valida Distant 1908g: 84 Type Machaeropsis valida Lallemand 1912a: 10

# [Metaenderleinia Lallemand]

[Orthotype Metaenderleinia nervosa [n. sp.] Lallemand 1936a: 265]

Machaeropsis

Meliehar 1903b: 137 [gen. n.] :226 [Listed]

Sehmidt 1907b: 167 [Key] :170 [Described, catalogued] Distant 1908g: 80 [Key] :84 [Described, eatalogued] Lallemand 1912a: 7 [Key] :10 [Described, eatalogued]

Waterhouse 1912a: 162 [Listed]

Kirkaldy 1913a: 10 [Comparative note]

Maki 1914a: 354 [Notes]

Distant 1916a: 185 [Comparative note]

Baker 1919a: 67 [Notes, comparative note] :68 [Zoo-

geographyl

Baker 1927a: 532 [Key]

Sehulze, Kükenthal and Heider 1931a: 1930 [Cata-

logued]

Merino 1934a: 72 [Phylogeny]

Metaenderleinia Maehaeropsis Lallemand 1936a: 265 [gen. n.]
Merino 1936a: 314 [Phylogeny]

Matsumura 1940a: 39 [Key] Neave 1940a: 4 [Catalogued] Matsumura 1942b: 106 [Key]

Metealf 1944b: 151 [Bibliography]

Maa 1947a: 7, 20 [Key] :25 [Catalogue of species from China] :7, 17, 18, 20 Equals Metaenderleinia Lall.

MetaenderleiniaNeave 1950a: 154 [Catalogued]

#### nervosa Lallemand

Metaenderleinia nervosa Lallemand 1936a: 265; Fig. 1 [n. sp., illus-

M[achaeropsis] ncrvosa Maa 1947a: 7 Equals [Metaenderleinia nervosa Lall

Localities: 1 North Borneo.

# taiwana Kato

Machaeropsis taiwana Kato 1933p: 32; 1 fig. [n. sp., illustrated]<sup>1</sup>

Machacropsis taiwana Kato 1933b: Pl. 47, Fig. 5 [Notes, illustrated]<sup>2</sup>

Machaeropsis taiwana Kato 1939i: 650 [Catalogued]<sup>1</sup>

Macharopsis [sie] taiwana Matsumura 1940a: 82 [Catalogued]<sup>1</sup>

Machacropsis taiwana Maa 1947a: 7 [Described]:17, 20 [Listed] :25 [Catalogued]<sup>1</sup>

Localities: 1 Formosa. 2 Japan.

# valida Meliehar

Machaeropsis valida Meliehar 1903b: 138; Pl. IV, Figs. 19a-e [n. sp., illustrated]<sup>1</sup>:226 [Listed]<sup>1</sup>

Machacropsis valida Sehmidt 1907b: 172; Fig. 2 [Described, illustrated, catalogued]1

Machacropsis valida Distant 1908g: 84; Fig. 67 [Described, illustrated, eatalogued]1

M[achaeropsis] valida Lallemand 1912a: 11; Pl. 8, Fig. 14 [Illustrated, eatalogued<sup>1</sup>

M[achaeropsis] valida Maa 1947a: 7 [Listed]

Localities: 1 Ceylon.

# Genus Apomachaerota Schmidt

ORTHOTYPE Apomachaerota reticulata [n. sp.] Sehmidt 1907b: 172 Type Apomachaerota reticulata Lallemand 1912a: 11

# Apomaehaerota

Schmidt 1907b: 172 [gen. n.] :167 [Key]

Lallemand 1912a: 7 [Key] :11 [Described, eatalogued]

Waterhouse 1912a: 22 [Listed]

Meliehar 1915e: 2 [Comparative note] Sehmidt 1918c: 367 [Comparative note]

Sehulze, Kükenthal and Heider 1926b: 240 [Cata-

loguedl

Baker 1927a: 531 [Key] :535 [Comparative notes]

Neave 1939a: 259 [Catalogued]

Maa 1947a: 7, 20 [Key]

#### reticulata Schmidt

Apomaehaerota retieulata Schmidt 1907b: 174; Fig. 3 [n. sp., illustrated]<sup>1</sup> A[pomachaerota] reticulata Lallemand 1912a: 11 [Catalogued]<sup>1</sup> Localities: 1 Sumatra.

# Genus Enderleinia Schmidt

Orthotype Enderleinia bispina [n. sp.] Schmidt 1907b: 167 Type Enderleinia bispina Lallemand 1912a: 8

Enderlcinia

Schmidt 1907b: 167 [gen. n., key]

Lallemand 1912a: 8 [Described, catalogued] :7 [Key]

Schmidt 1912e: 173 [Listed] Waterhouse 1912a: 94 [Listed] Baker 1919a: 68 [Zoogcography] Baker 1927a: 529 [Notes] :532 [Key]

Schulze, Kükenthal and Heider 1929a: 1138 [Cata-

loguedl

Brucs and Mclander 1932a: 109 [Zoogcography] China 1935e: 82 [Listed] :83 [Comparative notes]

Lallemand 1936a: 265 [Comparative note]

Neave 1939b: 230 [Catalogued]

Maa 1947a: 6, 7 [Listed]

Villiers 1952a: 215 [Described, review of species from

Africa, zoogcography

Brucs, Melander, and Carpenter 1954a: 144 [Zoogeography]

# bispina Sehmidt

Enderleinia bispina Schmidt 1907b: 169; Fig. 1 [n. sp., illustrated]<sup>1</sup>

E[nderleinia] bispina Lallemand 1912a: 8 [Catalogued]<sup>1</sup>

Enderleinia bispina Schmidt 1912e: 172 [Listed] Enderleinia bispina Sehmidt 1918c: 366 [Listed]

E[nderleinia] bispina Schmidt 1924b: 289 [Comparative note]

E[nderleinia] bispina China 1935e: 82 [Listed]<sup>1</sup>

E[nderleinia] bispina Villiers 1952a: 215; Fig. 295 [Described, illusstrated]2.3.4

Localities: 1 Togo. 2 Western Africa. 3 Ivory Coast. 4 French Equatorial Africa.

# fumipennis Sehmidt

Enderleinia fumipennis Schmidt 1924b: 289 [n. sp.]<sup>1</sup> E[nderleinia] fumipennis China 1935e: 82 [Listed]<sup>1</sup> Localities: 1 Cameroons.

# Genus Neuromachaerota Schmidt

Orthotype Neuromachaerota vosseleri [n. sp.] Schmidt 1912c: 175 Type Neuromachaerota vosseleri Lallemand 1912a: 9

Neuromachaerota Schmidt 1912e: 175 [gen. n.]

Lallemand 1912a: 7 [Key] :8 [Described, eatalogued]

Baker 1919a: 68 [Zoogeography]

Baker 1927a: 531 [Kev]

Brues and Melander 1932a: 109 [Zoogeography]

Sehulze, Kükenthal and Heider 1933a: 2252 [Cataloguedl

China 1935e :82 [Listed] :83 [Comparative notes]

Neave 1940a: 328 [Catalogued]

Liu 1942e: 5 [A new species from Kiangsu]

Maa 1947a: 6 [Listed]

Brues, Melander, and Carpenter 1954a: 144 [Zoo-

geographyl

becquarti Liu. See Hindola dimorpha Maki.

# obscurior Jaeobi

Neuromachaerota obscurior Jacobi 1921a: 2 [n. sp.]<sup>1</sup>

N[euromachaerota] obscurior China 1935c: 82 [Listed]<sup>1</sup>

Localities: 1 Tanganyika.

#### vosseleri Schmidt

Neuromachaerota vosscleri Sehmidt 1912e: 178; 2 figs. [n. sp., illus-

N[euromachaerota] vosseleri Lallemand 1912a: 9 [Catalogued]<sup>1</sup>

N[euromachaerota] vosseleri China 1935c: 82 [Listed]<sup>1</sup>

Localities: 1 Tanganyika.

# Genus Neuroleinia Lallemand

Orthotype Neuroleinia collarti [n. sp.] Lallemand 1936a: 266

Neuroleinia

Lallemand 1936a: 266 [gen. n.]

Maa 1947a: 7, 20 [Kev]

Neave 1950a: 175 [Catalogued]

#### collarti Lallemand

Neuroleinia collarti Lallemand 1936a: 266; Fig. 2 [n. sp., illustrated]<sup>1</sup> Localities: 1 North Borneo.

# Genus Serreia Baker

Haplotype Serrcia notabilis [n. sp.] Baker 1927a: 535

Serreia

Baker 1927a: 535 [gen. n.] :532 [Kev] :539 [Compara-

tive notes]

Neave 1940b: 181 [Catalogued]

Maa 1947a: 7, 20 [Key]

luzonensis Baker (var.). See Serreia notabilis var. luzonensis Baker.

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# notabilis Baker

Serreia notabilis Baker 1927a: 535; Pl. I, Figs. 7–12 [n. sp., illustrated]<sup>1, 2</sup>

Localities: 1 Mindanao. 2 Luzon.

# notabilis var. luzonensis Baker

Serreia notabilis luzonensis Baker 1927a: 537 [n. var.]<sup>1</sup> Localities: <sup>1</sup> Luzon.

# Genus Parahindola Baker

Haplotype Parahindola borneensis [n. sp.] Baker 1927a: 537

Parahindola Baker 1927a: 537 [gen. n.] :532 [Key] :542 [Compara-

tive notes]

Neave 1940a: 571 [Catalogued]

Maa 1947a: 10, 17 [Listed] :8, 18, 20 To Hindola

Kirk. [error]

Lallemand 1951a: 84, 86 [Catalogued] :84, 87 [Comparative notes]

#### borneensis Baker

Parahindola borneensis Baker 1927a: 537; Pl. 2, Figs. 13-15 [n. sp., illustrated]<sup>1</sup>

Localities: 1 British North Borneo.

# pahangana Lallemand

Parahindola pahangana Lallemand 1951a: 86 [n. sp.]<sup>1</sup> Localities: <sup>1</sup> Pahang.

# Genus Chaetophyes Schmidt

ORTHOTYPE Chaetophyes bicolor [n. sp.] Schmidt 1918c: 367

Chaetophyes

Schmidt 1918c: 367 [gen. n.]

Baker 1927a: 533 [Key] :535, 541 [Comparative notes]

:543 [Notes]

Schulze, Kükenthal and Heider 1927a: 621 [Catalogued]

Neave 1939a: 659 [Catalogued]

Maa 1947a: 6 [Listed]

Lallemand 1951a: 87 [Comparative note]

#### bicolor Schmidt

Chaetophyes bicolor Schmidt 1918c: 368 [n. sp.]<sup>1</sup> Chaetophyes unicolor Schmidt 1918c: 369 [n. sp.]<sup>1</sup>

Polychactophyes perkinsi Hacker 1926a: 246; Pl. XLII, Fig. 6 [n. sp.,

illustrated]2

Chaetophyes bicolor Baker 1927a: 544; Pl. 3, Figs. 32-35 [Notes, il-

lustrated, eatalogued] Equals C[haetophycs] unicolor Sehmidt Equals Polychactophyes perkinsi Haek.

Chaetophyes bicolor Lallemand 1927b: 99 [Catalogued, eomparative note] Equals Polychactophyes perkinsi Haek.

Localities: 1 Australia. 2 Queensland.

## ceramensis Lallemand

Chaetophyes ccramensis Lallemand 1927b: 99 [n. sp.]<sup>1</sup> Localities: <sup>1</sup> Ceram.

# compacta Walker

Aphrophora compacta Walker 1851b: 701 [n. sp.]<sup>1</sup>:702 [Comparative note]

Aphrophora semiflava Walker 1858b: 187 [n. sp.]<sup>2</sup> [Aphrophora] compacta Dohrn 1859a: 68 [Listed]<sup>1</sup>

[Carystus semiflavus] Stål 1862b: 493 [Catalogued] Equals Aphrophora semiflava Walk. Equals Aphrophora compacta Walk.

Aphrophora compacta Kirkaldy 1906e: 387 [Catalogued]<sup>3</sup> Equals [Aphrophora] semiflava Walk.

H[indola] compacta Lallemand 1912a: 72 [Catalogued]¹ Equals Aphrophora [compacta] Walk. Equals Aphrophora semiflava Walk. Equals Carystus compactus Stål

Hindola compacta Evans 1935b: 92; Pl. VI, Figs. 1–5 [Life history notes, illustrated]<sup>4</sup>

Hindola compacta Evans 1938a: 7; Figs. 10–12 [Morphology of head, illustrated]

Hindola compacta Evans 1938e: 24; Pl. IV, Fig. 1 [Wing venation, illustrated]

Chaetophyes compacta Evans 1940b: 72; Figs. 3-6 [Nymph described, illustrated]

Localities: <sup>1</sup> Tasmania. <sup>2</sup> New Hebrides (?). <sup>3</sup> Australia. <sup>4</sup> Victoria.

unicolor Schmidt. See Chaetophyes bicolor Schmidt.

#### vicina Lallemand

cm

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3

Chaetophycs vicina Lallemand 1927b: 99 [n. sp.]<sup>1</sup> Localities: <sup>1</sup> New South Wales.

# Genus Strandiana Lallemand

Orthotype Strandiana longipensis [sie] Lallemand 1936a: 264 Type Strandiana longipennis Lallemand 1937a: 253

Strandiana Lallemand 1936a: 264 [gen. n]

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Lallemand 1937a: 253 [Catalogued] Neave 1950a: 259 [Catalogued]

SciELC

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# **longipennis** Lallemand

Hindola longipennis Lallemand 1924c: 297 [n. sp.]<sup>1</sup>

Strandiana longipensis [sie] Lallemand 1936a: 264 Equals Hindola [longipennis Lall.]

Strandiana longipennis Lallemand 1937a: 253 [Catalogued]<sup>1</sup> Equals Hindola [longipennis] Lall.

Strandiana longipennis Lallemand 1942e: 430 [Comparative note] LOCALITIES: 1 New Caledonia.

longipensis. Typographical error for Strandiana longipennis Lallemand.

# Genus Pseudomachaerota Melichar

Orthotype Pseudomachaerota olivacea [n. sp.] Melichar 1915e: 1

Pseudomachaerota Melichar 1915e: 1 [gen. n.]

Schulze, Kükenthal and Heider 1935b: 2913 [Cata-

logued]

China 1935e: 82 [Listed]

Neave 1940a: 989 [Catalogued]

Pseudomacha-

Maa 1947a: 6 [Listed]

erta [sic]

# olivacea Meliehar

Pseudomachacrota olivacea Melichar 1915e: 2; 2 figs. [n. sp., illustrated]<sup>1</sup> P[seudomachacrota] olivacea China 1935e: 82 [Listed]<sup>1</sup>

Localities: 1 Madagascar.

# Genus Soamachaerota Metcalf

Orthotype Polychaetopyhes [sic] appendiculata Metcalf 1952a: 228

[Soa Jaeobi]

[Orthotype Polychactophyes appendiculata Jacobi 1928a: 46]

Soa

Jacobi 1928a: 46 [gen. n.]

Neave 1940b: 216 [Catalogued]

Maa 1947a: 4, 18 [Listed]

Soamaehaerota

Metealf 1952a: 228 Nom. nov. pro Soa Jacobi [1928]

[nee Soa Enderlein 1904] [Catalogued]

# appendiculata Hacker

Polychaetophyes appendiculata Haeker 1926a: 247; Text fig. 1 [n. sp., illustrated]<sup>1</sup>

[Polychactophyes] appendiculata Baker 1927a: 544, 545 [Notes, eatalogued]

[Soa appendiculata] Jacobi 1928a: 47 Equals Polychaetophyes appendiculata Haek.

[Soamachaerota appendiculata] Metealf 1952a: 228 Equals Poly-ehaetopyhes [sie] appendiculata Hack.

Localities: 1 Queensland.

# tmetoptera Jacobi

Soa tmetoptera Jacobi 1928a: 47 [n. sp.]<sup>1</sup>

Localities: 1 Queensland.

# Genus Aphromachaerota Lallemand

Haplotype Aphromachaerota adusta [n. sp.] Lallemand 1951a: 84

Aphromachaerota Lallemand 1951a: 84 [gen. n.]

#### adusta Lallemand

Aphromachaerota adusta Lallemand 1951a: 84 [n. sp.]<sup>1</sup>

Localities: 1 China.

# Genus Trichophyes Lallemand

Haplotype Trichophyes batangana [n. sp.] Lallemand 1951a: 85

Triehophyes Lallemand 1951a: 85 [gen. n.]

## batangana Lallemand

Trichophyes batangana Lallemand 1951a: 85 [n. sp.]<sup>1</sup>

Localities: 1 Perak.

# Genus Metahindola Lallemand

Haplotype Metahindola tamangana [n. sp.] Lallemand 1951a: 87

Metahindola Lallemand 1951a: 87 [gen. n.]

## tamangana Lallemand

Metahindola tamangana Lallemand 1951a: 87 [n. sp.]<sup>1</sup>

Localities: 1 Pahang.

# Tribe HINDOLOIDINI Baker

Hindoloidesini Baker 1927a: 533 [Key]

China 1935e: 82 Tribe [Listed]

Hindoloidesina Lallemand 1951a: 84 Subtribe [Described] :88 [A new

genus and a new species

Hindoloidinae Maa 1947a: 4 [Described, key] :18 Subfamily Equals

Hindoloidesini Tribe :25 [Listed]

# Genus Hindoloides Distant

Haplotype Hindoloides indicans [n. sp.] Distant 1915d: 506

Type H[indoloides] indicans Distant 1916a: 196

Hindoloides

Distant 1915d: 506 [gen. n.]

Distant 1916a: 196 [Described, zoogeography, eata-

logued]

Baker 1927a: 533 [Key] :544 [Notes] :546 [Catalogued]

Equals Weigoldella Haupt [error]

Sehulze, Kükenthal and Heider 1930a: 1559 [Catalogued]

Kato 1931e: 60 [Comparative note]

China 1935e: 83, 84 [Comparative notes]

Neave 1939b: 659 [Catalogued] Matsumura 1940a: 39 [Key] Matsumura 1942b: 105 [Key] Metealf 1944b: 151 [Bibliography]

Maa 1947a: 4 [Described] :18 [Listed] :25 [Catalogue

of species from China]
Maa 1949a: 11 [Listed]

Lallemand 1951a: 84 [Listed] :89 [Comparative note,

eatalogued]

Kato 1952a: 40 [Listed]

albifascia Kato (var.). See Hindoloides rubrodorsum var. albifascia Kato. albofasciata. Typographical error for Hindoloides rubrodorsum var. albifascia Kato. bipunctata Haupt. See Weigoldella bipunctata Haupt.

bipunctata var. albifascia Kato. See Hindoloides rubrodorsum var. albifascia Kato.

bipunctata var. diluta Maa. See Weigoldella bipunctata var. diluta Maa.

bipunctata var. scutellata Maa. See Weigoldella bipunctata var. scutellata Maa. diluta Maa (var.). See Weigoldella bipunctata var. diluta Maa.

#### formosana Kato

Hindoloides formosana Kato 1929a: 543; Text figs. 1a-f [n. sp., il-lustrated]<sup>1</sup>

Hindoloides formosana Kato 1933b: Pl. 47, Fig. 3 [Notes, illustrated]<sup>2</sup>

Hindoloides formosana Kato 1933p: 31 [Listed]<sup>2</sup>

Hindoloides formosanum Kato 1939i: 649 [Catalogued]<sup>1</sup>

 $Hindoloides\ formosana\ Matsumura\ 1940a\colon 81\ [Catalogued]^1$ 

Hindoloides formosana Maa 1947a: 5 [Described] :17, 19 [Listed]<sup>1</sup> :25 [Catalogued]<sup>1</sup>

H[indoloides] formosanum Kato 1952a: 40 [Listed]

Localities: 1 Formosa. 2 Japan.

## indicans Distant

Hindoloides indicans Distant 1915d: 507 [n. sp., food plants]<sup>1</sup>
Hindoloides indicans Gravely 1915a: 515; Pl. XXIII, Fig. 14 [Biology, illustrated]<sup>2</sup>

Hindoloides indicans Distant 1916a: 197; Fig. 150 [Described, illustrated, food plants, catalogued]<sup>1</sup>

H[indoloidcs] indicans Baker 1927a: 544; Pl. 3, Figs. 36–39 [Notes, illustrated]<sup>1</sup>

H[indoloides] indicans Maa 1947a: 4 [Listed] :6 [Comparative note] Localities: 1 Bengal. 2 India.

marginalis Kato (var.). See Hindoloides rubrodorsum var. albifascia Kato. rubridorsum. Typographical error for Hindoloides rubrodorsum Esaki. rubrodorsum. Typographical error for Hindoloides rubrodorsum Esaki.

# rubrodorsum Esaki

Hindoloides rubrodorsum Esaki 1931a: 266; Fig. 7 [n. sp., illustrated]<sup>1</sup>
 Hindoloiders [sie] ubrodorsum [sic] Esaki 1932b: [1718]; 1 fig. [Deseribed, illustrated]<sup>2</sup>

Hindoloides rubrodorsum Matsumura 1932e: 196 [Catalogued]

*Hindoloides rubrodorsum* Kato 1933b: Pl. 46, Fig. 7 [Notes, illustrated]<sup>2</sup> *Hindoloides rubrodorsum* Kato 1933p: 32 [Listed]<sup>2</sup>

Hindoloides rubrodorsnm [sie] [Nakane] 1937a: [267] [Listed]<sup>1</sup>

Hindoloides rubrodorsum Watanabe 1937a: 109, 300 [Economies]<sup>2</sup>
Hindoloides rubrodorsum Kato 1939i: 650 [Catalogued, food plants]<sup>1</sup>
Hindoloides rubridorsum [sie] Matsumura 1940a: 82 [Catalogued]<sup>1</sup>
Hindoloides rubrodorsum Maa 1947a: 5, 19 To Hindoloides bipunctata
Haupt (?) [error]

Hindoloides rubrodorsum Esaki 1950a: 271; Fig. 715 [Described, illustrated]<sup>2</sup>

*Hindoloides rubrodorsum* Kato 1952a: 39; Figs. 2 (4–5) [Described, illustrated, food plants]<sup>2</sup>

 $Hindoloides\ rubrodorsum\ {
m Kato\ 1952b\colon 16;\ Pl.\ VIII,\ Fig.\ 9\ [Notes, illustrated]^2}$ 

Localities: 1 Honshu. 2 Japan.

#### rubrodorsum var. albifascia Kato

[Hindoloides rubrodorsum] albifascia Kato 1933p: 32 [n. var.]<sup>1</sup>

Hindoloides rubrodorsum marginale Kato 1933b; Pl. 46, Fig. 8 [n. var., illustrated]<sup>1</sup>

Hindoloides rubrodorsum albifascia Kato 1939i: 650 [Catalogued, food plants]<sup>2</sup> Equals Hindoloides rubrodorsum marginale Kato

 $[Hindoloides\ rubrodorsum]\ marginalis\ Matsumura\ 1940a$ : 82 [Catalogued]²

[Hindoloides bipunctata albifascia] Maa 1947a: 5, 19 Equals [Hindoloides rubrodorsum] albofasciata [sie] (?)

Localities: 1 Japan. 2 Honshu.

rubrodorsum var. albofasciata. Typographical error for Hindoloides rubrodorsum var. albifascia Kato.

rubrodorsum var. marginalis Kato. See Hindoloides rubrodorsum var. albifascia Kato. scutellata Maa (var.). See Weigoldella bipunctata var. scutellata Maa.

# sparsuta Jaeobi

Hindoloides sparsuta Jaeobi 1944a: 24 [n. sp.]<sup>1</sup>
Hindoloides sparsuta Maa 1949a: 11 [Listed]<sup>1</sup>
Localities: <sup>1</sup> Fukien.

# trilineata Maa

Hindoloides trilineata Maa 1947a: 6, 19 [n. sp.]<sup>1</sup> :17, 25 [Listed]<sup>1</sup> Localities: <sup>1</sup> Fukien.

ubrodorsum. Typographical error for Hindoloides rubrodorsum Esaki.

# Genus Polychaetophyes Kirkaldy

LOGOTYPE Polychaetophyes serpulidia Lallemand 1912a: 9 Type [Polychaetophyes] serpulidia Sehmidt 1912e: 173

Type Polychaetophyes serpulidia Schmidt 1918e: 366

Type Polychaetophyes serpulida Baker 1927a: 544

Polyehaetophyes Kirkaldy 1906e: 384 [gen. n.] :276 [Life history notes] :277 [Listed] :379, 382, 386 [Comparative notes]

:312 [Listed]

Kirkaldy 1907d: 19 [Comparative note] :22 [Key]

Distant 1908e: 98 [Comparative note]

Lallemand 1912a: 7 [Key]: 9 [Described, eatalogued]

Sehmidt 1912e: 173 [Comparative note]

Waterhouse 1912a: 238 [Listed] Kirkaldy 1913a: 10 [Described]

Sehmidt 1918e: 366 [Listed]: 367 [Comparative note]

Baker 1919a: 68 [Zoogeography] Haeker 1922a: 280 [Listed] Tillyard 1926d: 163 [Notes]

Baker 1927a: 533 [Key] :538, 544, 545 [Notes]

Sehulze, Kükenthal and Heider 1935a: 2778 [Cata-

logued]

Neave 1940a: 850 [Catalogued]

Essig 1942a: 318 [Listed]

Me Keown 1944e: 281 [Notes]

Maa 1947a: 4, 18 [Listed] Lallemand 1951a: 84 [Listed]

aequalior Kirkaldy. See Hindola aequalior Kirkaldy.
appendiculata Hacker. See Soamachaerota appendiculata Hacker.
perkinsi Hacker. See Chaetophyes bicolor Schmidt.

serpulidia Kirkaldy

[Polychaetophyes] serpulidia Kirkaldy 1906e: 385; Pl. XXIII, Figs. 12, 13; Pl. XXVII, Fig. 9; Pl. XXX, Fig. 9 [n. sp., illustrated, eomparative note]<sup>1</sup>:312 [Listed]<sup>2</sup>

Polychaetophyes serpulidia Kirkaldy 1907d: 179; Pl. I, Fig. 5 [Illustrated]

P[olychaetophyes] serpulidia Lallemand 1912a: 10 [Catalogued]<sup>1</sup>

P[olychaetophyes] serpulidia Schmidt 1918e: 367 [Comparative note] Polychaetophes serpulidia Hacker 1922a: 281; Pl. XVII, Fig. 4; Pl. XVIII, Figs. 5-8 [Ecology, illustrated]<sup>1</sup>

Polyehaetophyes serpulida Baker 1927a: 544, 545 [Notes]

Polychaetophyes serpulida China 1927f: 78; Fig. 4 [Notes, illustrated] Polychaetophyes serpulida Evans 1940b: 70 [Life history notes]<sup>2</sup> Localities: <sup>1</sup> Queensland. <sup>2</sup> Australia.

# Genus Aphrosiphon China

Orthotype Aphrosiphon bauhiniae [n. sp.] China 1935e: 82

Aphrosiphon

China 1935e: 82 [gen. n.]

Neave 1939a: 250 [Catalogued] Metealf 1944b: 137, 151 [Bibliography]

Maa 1947a: 4, 18 [Listed] Lallemand 1951a: 84 [Listed]

bauhiniae China

Aphrosiphon bauhiniae China 1935e: 83; Figs. 1a-e [u. sp., food plants, illustrated]<sup>1</sup>

[Aphrosiphon bauhiniae] Carpenter 1935a: 81 [Life history notes]<sup>1</sup> Aphrosiphon bauhiniae Evans 1940b: 74 [Life history notes] Localities: <sup>1</sup> Nyasaland.

# Genus Weigoldella Haupt

Haplotype Weigoldella bipunetata [n. sp.] Haupt 1924a: 299

Weigoldella

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cm

Haupt 1924a: 299 [gen. n.]

Baker 1927a: 546 To Hindoloides Dist. [error]

Neave 1940b: 654 [Catalogued]

Lallemand 1951a: 84 [Listed] :89 [Comparative note,

eatalogued]

bipunetata Haupt

Weigoldella bipunctata Haupt 1924a: 300; Fig. 3 [n. sp., illustrated]<sup>1, 2</sup>

'SciELC

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Hindoloides bipunetata Jaeobi 1944a: 24 [Listed]<sup>3</sup>

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Hindoloides bipunctata Maa 1947a: 4, 18 [Described]<sup>2, 3</sup> Equals Hindoloides rubrodorsum Esaki (?) [error] :17 [Listed] :19 [Comparative note] :25 [Catalogued]<sup>2, 3</sup> Equals Weigoldella bipunctata Haupt Localities: <sup>1</sup> China. <sup>2</sup> Szechwan. <sup>3</sup> Fukien.

# bipunctata var. diluta Maa

 $[Hindoloides\ bipunctata]\ diluta\ Maa\ 1947a\colon 5,\ 19\ [n.\ var.]^1\ :25\ [Listed]^1$  Localities:  $^1$  Fukien.

# bipunctata var. scutcllata Maa

[Hindoloides bipunetata] seutellata Maa 1947a: 5, 19 [n. var.]<sup>1</sup> :25 [Listed]<sup>1</sup>

Localities: 1 Fukien.

diluta Maa (var.). See Weigoldella bipunctata var. diluta Maa. scutellata Maa (var.). See Weigoldella bipunctata var. scutellata Maa.

# Genus Parahindoloides Lallemand

Haplotype Parahindoloides lumuana [n. sp.] Lallemand 1951a: 88

Parahindoloides Lallemand 1951a: 88 [gen. n.] :84 [Listed]

#### lumuana Lallemand

Parahindoloides lumuana Lallemand 1951a: 89 [n. sp.]<sup>1</sup> Localities: <sup>1</sup> Borneo.

# Subfamily MACHAEROTINAE Schmidt

Machaerotini Sehmidt 1907b: 167 Tribe [Key] :184 [Key to genera]

Machaerotinae Baker 1927a: 531 Subfamily [Key]
Machaerotini Sehmidt 1928b: 111 Tribe [Listed]
Machaerotinae Brues and Melander 1932a: 109 [Key]

Kato 1933p: 31 Subfamily [List of species from Japan]

Metealf and Horton 1934a: 424 [Key]

China 1935c: 82 [Listed]

Maehaerotini Wu 1935a: 33 Tribe [Catalogued]

Wu 1935b: 151 Tribe [Catalogued]

Maehaerotinae Kato 1939i: 648 Subfamily [List of species from Japan]

Metealf 1939a: 247 [Listed]

Evans 1940b: 70 Subfamily [Listed] Metealf 1944b: 151 [Bibliography]

Maa 1947a: 3 [Key] :12, 22 Subfamily [Key to tribes

and genera] :26 [Listed]

Machaerotini Lallemand 1951a: 82 Tribe [Listed]

Maehaerotinae Pesson 1951a: 1502 Subfamily [Listed]: 1409 [External

morphology]:1504 [Biology, zoogeography]

Kato 1952a: 39 Subfamily [Notes]

Machaerotini Maehaerotinae Lallemand and Synave 1953a: 234 Tribe [Listed] Brues, Melander, and Carpenter 1954a: 144 [Key]

# Tribe SIGMASOMINI Schmidt

Sigmasomini

Sehmidt 1907b: 167 *Tribe* [Key] :177 [Key to genera] Lallemand 1912a: 7 *Tribe* [Key] :13 [Described, catalogued, key to genera]

Schmidt 1918e: 369 Tribe [Listed]

Baker 1919a: 69 [Key] :73 [Key to genera]

Handlirsch 1925a: 1114 [Listed] Baker 1927a: 531 Tribe [Kev]

Metealf and Horton 1934a: 424 [Key]

Maa 1947a: 12, 22 Tribe [Key]

# Genus Sigmasoma Schmidt

Октнотуре Sigmasoma bifalcata [n. sp.] Sehmidt 1907b: 178

Type  $Sigmasoma\ bifalcata$  Lallemand 1912a: 14

Sigmasoma Sehmidt 1907b: 178 [gen. n., key]

Lallemand 1912a: 13 [Key]:14 [Described, eatalogued]

Waterhouse 1912a: 275 [Listed] Baker 1919a: 68 [Notes] :73 [Key]

Sehulze, Kükenthal and Heider 1936b: 3183 [Cata-

logued]

Neave 1940b: 192 [Catalogued]

Maa 1947a: 13, 22 [Key]

#### bifalcata Schmidt

Sigmasoma bifalcata Schmidt 1907b: 180; Fig. 5 [n. sp., illustrated]<sup>1</sup>

S[igmasoma] bifalcata Lallemand 1912a: 14 [Catalogued]<sup>1</sup>

Sigmasoma bifalcata Sehmidt 1918c: 369 [Listed]
Sigmasoma bifalcata Baker 1919a: 73 [Catalogued]<sup>1</sup>

Sigmasoma bifalcata Pesson 1951a: 1504; Text fig. 1332 [Biology, illustrated]

Localities: 1 Java.

# Genus Grypomachaerota Schmidt

Orthotype Grypomachaerota turbinata [n. sp.] Sehmidt 1907b: 181

Type Grypomachaerota turbinata Lallemand 1912a: 14

Grypomachaerota Sehmidt 1907b: 181 [gen. n.] :178 [Key]

Lallemand 1912a: 14 [Described, key, catalogued]

Waterhouse 1912a: 119 [Listed]

Sehmidt 1918e: 369, 370 [Comparative notes]

Baker 1919a: 68 [Notes, zoogeography] :73 [Key, notes, key to species] :76 [Comparative notes]

Schulze, Kükenthal and Heider 1929b: 1420 [Catalogued]

Neave 1939b: 522 [Catalogued]

Matsumura 1940a: 40 [Comparative note]

Maa 1947a: 13, 22 [Key]

Maa 1949a: 12 [Comparative note]

# borneensis Baker

Grypomachaerota borneensis Baker 1919a: 74; Pl. II, Figs. 8, 9, 11; Pl. III, Figs. 1, 4, 5, 8 [n. sp., illustrated]<sup>1</sup>:73 [Key]

# brevieeps Baker

Grypomachaerota breviceps Baker 1919a: 75; Pl. II, Figs. 12, 15; Pl. III, Figs. 3, 7, 9 [n. sp., illustrated]<sup>1, 2</sup>:74 [Key]
LOCALITIES: <sup>1</sup> Penang. <sup>2</sup> Malaya.

#### trieolor Baker

Grypomachaerota tricolor Baker 1919a: 75; Pl. II, Fig. 14; Pl. III, Figs. 2, 6 [n. sp., illustrated]<sup>1</sup>:74 [Key]:75, 76 [Comparative notes] Localities: <sup>1</sup> British North Borneo.

#### turbinata Sehmidt

Grypomachacrota turbinata Sehmidt 1907b: 182; Fig. 6 [n. sp., illustrated]<sup>1, 2, 3</sup>

G[rypomachaerota] turbinata Lallemand 1912a: 15 [Catalogued]<sup>4</sup>

G[rypomachaerota] turbinata Baker 1919a: 73 [Notes, eatalogued]<sup>1, 2, 3</sup>:74 [Key]

Grypomachaerota turbinata Jaeobi 1921a: 4 [Listed]<sup>5</sup>

Localities: <sup>1</sup> Java. <sup>2</sup> Sumatra. <sup>3</sup> Borneo. <sup>4</sup> Netherlands East Indies. <sup>5</sup> Banguey Island.

# Genus Platymachaerota Schmidt

Orthotype Platymaehaerota elevata [n. sp.] Sehmidt 1918e: 369

Platymaehaerota Sehmidt 1918e: 369 [gen. n.]

Sehulze, Kükenthal and Heider 1934a: 2721 [Catalogued]

Neave 1940a: 795 [Catalogued] Maa 1947a: 13, 22 [Key]

#### elevata Sehmidt

Platymachacrota elevata Sehmidt 1918e: 370 [n. sp.]<sup>1</sup> Localities: <sup>1</sup> Borneo.

## Tribe MACHAEROTINI Lallemand

Maehaerotini

Lallemand 1912a: 7 Tribe [Key] :15 [Described, eata-

logued, key to genera]

Sehmidt 1918e: 371, 372 *Tribe* [Listed] Baker 1919a: 69 [Key] :67, 69 [Notes] Handlingth 1925a; 1114 [Listed]

Handlirseh 1925a: 1114 [Listed] Baker 1927a: 531 Tribe [Key]

Metealf and Horton 1934a: 424 [Key, key to genera

from China]

Maa 1947a: 12, 22 Tribe [Key]: 26 [Listed] Lallemand 1951a: 82 Subtribe [New species]

Machaerotina

## Genus Machaerota Burmeister

Haplotype Machaerota ensifera [n. sp.] Burmeister 1835a: 128

Type M[achaerota] ensifera Blanehard 1849b: 535

Type [Machaerota] ensifera Kirkaldy 1901e: 219 Type Machaerota ensifera Sehmidt 1907b: 184

Type M[achaerota] ensifera Distant 1908g: 80

Type M[achaerota] ensifera Banks 1910a: 49

Type Machaerota ensifera Lallemand 1912a: 16

Type Machaerota ensifera Sehmidt 1918e: 371

Type Machaerota ensifera Kato 1931e: 60

Haplotype Machaerota ensifera Metealf and Horton 1934a: 425

## [Narnia Walker]

[Haplotype Namia rastrata [n. sp.] Walker 1870a: 192]

[Type [Narnia] rostrata [sie] Funkhouser 1927f: 448]

Maehaerota

Burmeister 1835a: 128 [gen. n.] :127 [Key] Blanehard 1840a: 179 [Listed] :186 [Described] Agassiz, Erichson and Germar 1842a: 12 [Listed]

Agassiz 1848a: 632 [Listed] Blanehard 1849b: 535 [Notes]

Blanehard 1850a: 179 [Listed] :186 [Described]

Walker 1851b: 729 [Catalogued, list of species from

various regions]

Desmarest 1859a: 199 [Notes] Dohrn 1859a: 69 [List of species]

Stål 1865b: 154 [A new species from Australia]

Dallas 1867a: 567 [Listed] Walker 1870a: 192 [gen. n.]

Narnia Maehaerota

Stål 1870e: 727 [Listed]

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50	GENERAL CATALOGUE OF THE HOMOPTERA	
Narnia	Marsehall 1873a: 373 [Catalogued]	
Machaerota	Signoret 1879e: xlviii [New species from various regions] Seudder 1882b: 183 [Listed]	
Narnia	Seudder 1882b: 207 [Listed]	
Maehaerota	Atkinson 1885a: 22 [Described, eatalogued]	
- 2000	Westwood 1886a: 332 [Notes]	
	Atkinson 1889a: 336 [Life history notes, eatalogued]	
	Hansen 1890a: 36 [Morphology of antenna] :43 [Mor-	
	phology of wings]:48, 53 [Morphology of legs]	
	Kirby 1891a: 164 [Comparative note]	
	Hansen 1900a: 117 [Morphology of antenna]	
	Hansen 1900b: 171, 172 [Morphology of wings]	
	Hansen 1900e: 337 [Morphology of legs]	
	Hansen 1901a: 153 [Morphology of legs]	
	Kirkaldy 1901e: 219 [Listed]	
Narnia	Buckton 1903a: 268 [Catalogue of species]	
Maehaerota	Meliehar 1903b: 124, 138 [Comparative notes] :137	
	[Described, eatalogued] :226 [Listed]	
Macherota [sie]	Kirkaldy 1906e: 388 [Catalogued]	
Maehaerota	Sehmidt 1907b: 171, 195 [Comparative notes] :184	
	[Described, key, key to species, catalogued]	
	Kirkaldy 1907d: 19 [Taxonomy]	
	Distant 1908g: 68 [Comparative note] :80 [Described,	
	key, eatalogued] Equals Narnia Walk.  Lefroy and Howlett 1909a: 729 [Comparative note]	
	:733 [Food plants]	
	Banks 1910a: 49 [Catalogued]	
	Lallemand 1912a: 15 [Key] :16 [Described, eatalogued]	
	Equals Narnia Walk.	
	Maki 1914a: 354 [Listed]	
	Distant 1916a: 183 [New species from India]	
	Sehmidt 1918e: 371 [Comparative notes, list of species]	
	Baker 1919a: 67 [Notes] :68 [Zoogeography] :69 [Key	
	to species]:74 [Comparative notes]	
	Fleteher 1920a: 272 [Listed]	
	Handlirseh 1925a: 1114 [Listed]	
	Imms 1925a: 357 [Notes]	
	Singh-Pruthi 1925b: 201 [Comparative notes]: 202 [Notes]	
	Baker 1927a: 533 [Notes, eatalogued] :540 [Notes on	
	nymphal tubes]	
	Funkhouser 1927f: 448 [Catalogued, eatalogue of	
	annial	

species]

Jaeobi 1928a: 46 [Zoogeography]

Kato 1928e: 35 [A new species from Formosa]

Sehmidt 1928b: 111 [Comparative note]

Sherborn 1928a: 3754 [Catalogued]

Imms 1930a: 357 [Notes] Kato 1930a: 292 [Listed]

Kato 1931e: 60 [Catalogued, zoogeography] Equals Narnia Walk.

Sehulze, Kükenthal and Heider 1931a: 1930 [Cataloguedl

Brues and Melander 1932a: 109; Figs. 163, 167 [Illustrated

Narnia

Narnia

Maehaerota

Sehulze, Kükenthal and Heider 1932b: 2194 [Catalogued]

Maehaerota

Imms 1934a: 375 [Notes]

Merino 1934a: 72 [Phylogeny]

Metealf and Horton 1934a: 424 [Key, comparative note :425 [Notes, ♂ genitalia described, zoogeography]

China 1935e: 84 [Comparative note]

Wu 1935a: 33 [Catalogued] Equals Narnia Walk.

Wu 1935b: 151 [Catalogued] Merino 1936a: 314 [Phylogeny] Ayyar 1940a: 321 [Eeonomies]

Kato 1940b: 149 (3) [Comparative note]

Lieftinek 1940a: 8 [Listed] Matsumura 1940a: 39 [Key] Neave 1940a: 4 [Catalogued]

Neave 1940a: 267 [Catalogued] Jaeobi 1941a: 319 [Zoogeography]

Matsumura 1942b: 105 [Kev]

Metealf 1944b: 137, 151 [Bibliography]

Maa 1947a: 13 [Described, key to species]:13, 22 [Key] :23 Equals Asimachaerota Mats. (?) [error]

:26 [Catalogue of species from China]

Imms 1948a: 375 [Notes]

Maa 1949a: 12 [Comparative note] :14 [Notes] Equals

Conmachaerota Sehmidt [error]

Kalshoven and van der Veeht 1950a: 263 [Listed] Lallemand 1951a: 82 [Catalogued]

Kato 1952a: 38 [Notes] Haupt 1953a: 45 [Notes]

Lallemand and Synave 1953a: 234 [Catalogued]

SciELO

10 11 12 13 14

Mathur 1953a: 146 [Listed] :151 [List of species from India]

Brues, Melander, and Carpenter 1954a: 144; Figs. 200, 204 [Illustrated]

 $\alpha$  Maa (var.) [coomani]. See Mochaerota coomani var.  $\alpha$  Maa.

#### andamanensis Distant

Machaerota andamanensis Distant 1908g: 83 [n. sp.]<sup>1</sup>

M[achaerota] andamanensis Lallemand 1912a: 16 [Catalogued]<sup>1</sup>

M[achaerota] and amanensis Distant 1916a: 183, 184 [Comparative notes]

Machaerota andamanensis Schmidt 1918c: 372 [Listed]

Localities: 1 Andaman Islands.

#### assamensis Distant

Machaerota assamensis Distant 1916a: 183 [n. sp.]<sup>1</sup> Localities: <sup>1</sup> Assam.

3 Maa (var.) [coomani]. See Machaerota coomani var. β Maa

### confirtissima Maa [nom. nud.]

Mach[aerota] confirtissima Maa 1949a: 18 [nom. nud., listed]

#### coomani Lallemand

. Machaerota coomani Lallemand 1942e: 428 [n. sp.]<sup>1</sup>

[Machaerota] coomani Maa 1949a: 14 [Comparative note] :18, Figs. 5a-e [Described, illustrated] Equals Mach[aerota] tonkinensis Liu [nom. nud.]

LOCALITIES: 1 Tonkin.

#### coomani var. a Maa

[Machaerota coomani] var.  $\alpha$  Maa 1949a: 20; Fig. 6a [n. var., illustrated, comparative notes]

#### coomani var. $\beta$ Maa

[Machaerota coomani] var.  $\beta$  Maa 1949a: 20; Fig. 6b [n. var., illustrated]

#### coomani var. 8 Maa

[Machaerota coomani] var. δ Maa 1949a: 20; Fig. 6d [n. var., illustrated]

#### coomani var. γ Maa

 $[Machaerota\ coomani]$ var.  $\gamma$ Ma<br/>a 1949a: 20; Fig. 6c [n. var., illustrated, · comparative note]

δ Maa (var.) [coomani]. See Machaerota coomani var. δ Maa.

encifera. Typographical error for Machaerota ensifera Burmeister.

encifera. Typographical error for Machaerota ensifera Esaki [nec Burmeister]. See Machaerota esakii Kato.

#### ensifera Burmeister

illustrated|2

M[achaerota] ensifera Burmeister 1835a: 128 [n. sp.]<sup>1</sup>

Machaerota ensifera Westwood 1837e: 130 [Catalogued]<sup>1</sup>

Machaerota ensifera Blanchard 1840a: 186 [Deseribed, catalogued]<sup>1</sup>

M[achaerota] ensifera Blanehard 1849b: 535 [Listed]<sup>1</sup>

Machaerota ensifera Blanchard 1850a: 186 [Described, catalogued]<sup>1</sup>

Machaerota ensifera Walker 1851b: 729 [Catalogued]2. 3, 4

[Machaerota] ensifera Dohrn 1859a: 69 [Listed]<sup>2</sup>

M[aehaerota] ensifera Stål 1865b: 154 [Comparative note]

M[achaerota] ensifera Stål 1870c: 727 [Catalogued]<sup>2</sup>

M[achaerota] ensifera Signoret 1879c: xlviii [Described, eatalogued]<sup>5</sup> :xlix [Comparative note]

Machaerota ensifera Atkinson 1885a: 22 [Described, eatalogued, eomparative notes]<sup>2, 5</sup>

M[achaerota] ensifera Westwood 1886a: 332 [Notes]

Machaerota ensifera Schmidt 1907b: 187; Fig. 7 [Described, eatalogued, illustrated]<sup>1</sup>:186 [Key]<sup>2</sup>:189 [Comparative note]

Machaerota luzonensis Sehmidt 1907b: 189 [n. sp.]<sup>1</sup>:186 [Key]

Machaerota ensifera Distant 1908g: 80; Fig. 65 [Described, catalogued, illustrated]<sup>2, 5</sup>:81, 82 [Comparative notes]

Machaerota ensifera Banks 1910a: 49 [Notes, food plants, catalogued]<sup>6</sup> M[achaerota] ensifera Lallemand 1912a: 16; Pl. 8, Fig. 17 [Catalogued,

M[achaerota] luzonensis Lallemand 1912a: 17 [Catalogued]<sup>2</sup>

M[achaerota] ensifera Kirkaldy 1913a: 10, 11 [Comparative notes]

Machaerota ensifera Schmidt 1918e: 371 [Listed]

 $[Machaerota]\ luzonensis\ Sehmidt\ 1918e\colon 371\ [Listed]$ 

Machaerota ensifera Baker 1919a: 68 [Listed]<sup>1</sup>:69 [Notes, key]:71; Pl. I, Figs. 4, 5, 11, 14; Pl. H, Figs. 3, 4 [Described, illustrated, eatalogued]<sup>1, 2, 6</sup>

M[achaerota] luzonensis Baker 1919a: 69 [Key, notes] :71; Pl. I, Figs. 6, 12; Pl. II, Figs. 5, 6, 13 [Described, illustrated, eatalogued]<sup>2, 7</sup>

Machaerota ensifera Jacobi 1921a: 4 [Notes, catalogued]¹ Equals M[achaerota] luzonensis Schmidt

Machaerota ensifera Singh-Pruthi 1925b: 201; Pl. XXII, Fig. 176 [♂ genitalia described, illustrated]

Machaerota ensifera Sherborn 1926a: 2158 [Catalogued]

Machaerota ensifera Muir 1930e: 549 [Morphology of genitalia]

Machaerota ensifera Kato 1931e: 60 [Listed]<sup>2, 11</sup>

Machaerota encifera [sie] Kato 1933b: Pl. 47; Figs. 1, 2 [Notes, illustrated]<sup>8</sup>

cm 1 2 3 4 5 6 SciELO 10 11 12 13 14 15

Machaerota eneifera [sie] Kato 1933p: 31 [Listed]<sup>8</sup>

Machaerota ensifera Metealf and Horton 1934a: 425 [Catalogued] Machaerota ensifera Otanes and Butae 1935a: 165, 169 [Notes, eeonomies]<sup>2</sup>

Machaerota ensifera Otanes and Butae 1939a: 363 [Notes, economies]<sup>2</sup> Machaerota encifera [sie] Matsumura 1940a: 82 [Catalogued]<sup>2, 9, 10</sup> [Machaerota] ensifera Maa 1947a: 14 [Key, eomparative note]<sup>1, 7</sup>:23 [Listed]

[Machaerota] ensifera Maa 1949a: 14 [Notes]

Machaerota ensifera Lallemand 1951a: 82, 83 [Comparative notes, eatalogued]

Localities: <sup>1</sup> Luzon. <sup>2</sup> Philippine Islands. <sup>3</sup> Java. <sup>4</sup> Northern India. <sup>5</sup> Assam. <sup>6</sup> Palawan. <sup>7</sup> Mindanao. <sup>8</sup> Japan. <sup>9</sup> Formosa. <sup>10</sup> Burma. <sup>11</sup> India.

ensifera Esaki [nec Burmeister]. Sce Machaerota esakii Kato.

 $ensifera \ {\bf Signoret} \ [{\bf nec} \ {\bf Burmeister}]. \ {\bf See} \ {\it Machaerota} \ ensiferina \ {\bf Schmidt}.$ 

#### ensiferina Sehmidt

M[achaerota] ensifera [nee Burmeister] Signoret 1879e: xlviii [Deseribed]<sup>1</sup> :xlix [Comparative note]

Mach[aerota] ensiferina Sehmidt 1907b: 186 [Key]<sup>1</sup>:190 Nom. nov. pro Machaerota ensifera Signoret [1879] [nee Machaerota ensifera Burmeister 1835] [Described, catalogoued]

M[achaerota] ensiferina Lallemand 1912a: 17 [Catalogued]<sup>1</sup> Equals Machaerota ensifera Sign. [nee Burmeister]

[Machacrota] ensiferina Sehmidt 1918e: 371 [Listed]

Localities: 1 Assam.

#### esakii Kato

Machaerota encifera [sie] [nec Burmeister] Esaki 1932b; [1716]; 1 fig. [Described, illustrated]<sup>1</sup>

Machaerota esakii Kato 1939i: 648 Nom. nov. pro Machaerota encifera [sie] Esaki [1932] [nee Machaerota ensifera Burmeister 1835] [Notes, eatalogued]<sup>2</sup>

Machacrota esakii Maa 1947a: 14 [Described, key]: 17, 23 [Listed]<sup>2</sup> :26 [Catalogued]<sup>2</sup> Equals Machaerota encifera (sie) Esaki (nee Burm.)

[Machaerota] esakii Maa 1949a: 14 [Comparative note] :21; Figs. 7a-d [Described, illustrated] Equals Mach[aerota] ensifera Esaki (nee Burm.)

Localities: 1 Japan. 2 Formosa.

### exaggerata Maa

Machaerota exaggerata Maa 1949a: 22; Figs. 8a-e [n. sp., illustrated]<sup>1</sup>:14 [Comparative note]

LOCALITIES: 1 Tonkin.

#### finitima Jacobi

Machaerota finitima Jaeobi 1928a: 45; Fig. 30 [n. sp., illustrated]<sup>1, 2</sup> Localities: <sup>1</sup> Queensland. <sup>2</sup> Dutch New Guinea.

#### flavolineata Distant

Machaerota flavolineata Distant 1908g: 83 [n. sp.]<sup>1, 2</sup>

M[achaerota] flavolineata Lallemand 1912a: 17 [Catalogued]<sup>1, 2</sup>

Machaerota flavolincata Sehmidt 1918c: 372 [Listed]

Localities: 1 Burma. 2 Tenasserim.

#### formosana Kato

Machaerota formosana Kato 1928c: 35; Pl. II, Fig. 6 [n. sp., illustrated, food plants]<sup>1</sup>

M[achaerota] formosana Kato 1931c: 62 [Comparative note]

Machaerota formosana Kato 1933b: Pl. 47, Fig. 5 [Notes, illustrated]<sup>2</sup>

Machaerota formosana Kato 1933p: 31 [Listed]<sup>2</sup>

Machaerota formosana Kato 1939i: 648 [Catalogued]<sup>1</sup>

Machaerota formosana Matsumura 1940a: 82 [Catalogued]<sup>1</sup>

Machacrota formosana Maa 1947a: 14 [Key] :15, 23 [Food plants]<sup>1</sup> :17 [Listed] :26 [Catalogued]<sup>1</sup>

Localities: 1 Formosa, 2 Japan.

#### fukienieola Maa

Machaerota fukienicola Maa 1947a: 14 [Key] :14, 23; Pl. I, Figs. 4-6; Pl. II, Figs. 7, 9 [n. sp., illustrated] :17 [Listed] :24 [Comparative note] :26 [Catalogued]<sup>1</sup>

Localities: 1 Fukien.

#### fusea Baker

M[achaerota] fusca Baker 1919a: 69 [n. sp., key] :72; Pl. I, Figs. 7, 8, 13; Pl. II, Figs. 2, 7, 10 [n. sp., illustrated] :69 [Notes]

M[achaerota] fusca Lallemand 1942e: 428 [Comparative note, catalogued]

Localities: 1 Luzon.

 $\gamma$  Maa (var.) [coomani]. See Machaerota coomani var.  $\gamma$  Maa.

gupionata. Typographical error for Machaerota pugionata Signoret [nec Stål]. See Pachymachaerota signoreti Sehmidt.

#### guttigera Westwood

Machaerota guttigera Westwood 1886a: 332; Pl. VIII, Figs. 1–15 [n. sp., life history, illustrated]<sup>1</sup>

M[achaerota] guttigera Atkinson 1889a: 336 [Catalogued]<sup>1</sup>

Machaerota guttigera Kirby 1891a: 163 [Catalogued]<sup>1</sup>

Machaerota guttigera Sharp 1899a: 578 [Notes]<sup>1</sup>

Machaerota guttigera Meliehar 1903b: 137 [Described, catalogued]<sup>1</sup> :226 [Listed]<sup>1</sup>

Machaerota guttigera Kirkaldy 1906c: 277 [Life history notes]<sup>1</sup>

Mach[aerota] guttigera Schmidt 1907b: 187 [Key]<sup>1</sup> :192 [Described, catalogued]<sup>1</sup>

Machaerota guttigera Distant 1908g: 81; Fig. 66 [Described, food plants, catalogued, illustrated]<sup>1, 4</sup>:80 [Listed]

Machaerota guttigera Lefroy and Howlett 1909a: 733 [Ecology, catalogued]<sup>1</sup>

M[achaerota] guttigera Lallemand 1912a: 17 [Catalogued]<sup>1</sup>

Machaerota guttigera Maki 1914a: 355 [Catalogued, food plants]

Machaerota guttigera Melichar 1914b: 116 [Catalogued]<sup>2</sup>

Machaerota guttigera Gravely 1915a: 515 [Life history notes]<sup>3</sup>

Conmachaerota guttigera Schmidt 1918c: 371 [Listed]

Machaerota guttigera Misra 1920c: 556 [Notes]<sup>1</sup>

Machaerota guttigera Ealand 1921a: 122 [Notes]<sup>1</sup>

Machaerota guttigera China 1927f: 79; Fig. 3e [Notes, illustrated]<sup>1</sup>

Machaerota guttigera Evans 1940b: 70, 74 [Life history notes]<sup>1</sup>

M[achaerota] guttigera Lieftinck 1940a: 8-9; Pl. 1, Figs. 1-4 [Life history notes, illustrated]<sup>1, 2</sup>

Machaerota guttigera Essig 1942a: 318 [Listed]<sup>1</sup> Localities: <sup>1</sup> Ceylon, <sup>2</sup> Java, <sup>3</sup> India, <sup>4</sup> West Bengal.

#### incerta Lallemand

Machaerota incerta Lallemand 1927b: 100 [n. sp.]<sup>1</sup> Localities: <sup>1</sup> Thailand.

#### insignis Lallemand

Machaerota insignis Lallemand 1927b: 99 [n. sp.]<sup>1</sup> Localities; <sup>1</sup> Ceram.

#### lieftincki Maa

Machaerota lieftincki Maa 1949a: 15; Figs. 3a-d [n. sp., illustrated, food plants]<sup>1</sup>:14 [Listed]
Localities: <sup>1</sup> Java.

 ${\it luzonensis} \ {\rm Schmidt.} \ {\rm See} \ {\it Machaerota} \ {\it ensifera} \ {\rm Burmeister.}$ 

### mindanaensis Baker

Conmachaerota mindanaensis Baker 1927a: 534; Pl. 1, Figs. 4-6 [n. sp., key, illustrated]<sup>1</sup>:535 [Comparative notes]

[Machaerota mindanaensis] Maa 1949a: 16 [Notes] Equals Conm[achaerota] mindanaensis Bak.

Localities: 1 Mindanao.

### moluccana Kirkaldy

Machaerota moluccana Kirkaldy 1913a: 10 [n. sp.]<sup>1</sup> [Machaerota] moluccana Jacobi 1928a: 46 [Listed]<sup>2</sup> Localities: <sup>1</sup> Amboina. <sup>2</sup> Moluccas.

#### noctua Distant

Machaerota noctua Distant 1916a: 183; Fig. 140 [n. sp., illustrated]<sup>1, 2</sup>:184 [Comparative note]

Localities: 1 Bihar. 2 Madras.

notoceras Schmidt. See Conmachaerota notoceras Schmidt.

### pandata Distant

Machaerota pandata Distant 1916a: 184 [n. sp.]1

Localities: 1 Madras.

philippensis. Typographical error for Machaerota philippinensis Baker.

### philippinensis Baker

M[achaerota] philippinensis Baker 1919a: 69 [n. sp., key, comparative note] :70; Pl. I, Figs. 2, 3, 10; Pl. II, Fig. 1 [n. sp., illustrated]<sup>1</sup> C[onmachaerota] philippinensis Baker 1927a: 534 [Key] :534, 535 [Comparative notes]

M[achaerota] philippensis [sic] Lallemand 1942e: 428 [Comparative note, catalogued]

Mach[aerota] philippinensis Maa 1949a: 18 [Comparative note]<sup>1</sup> Machaerota philippinensis Haupt 1953a: 45; Fig. 38 [Described, food plants, illustrated]<sup>2</sup>

Localities: 1 Luzon. 2 Australian Region.

planitae. Typographical error for Machaerota planitiae Distant.

## planitiac Distant

Machaerota planitiae Distant 1908g: 84 [n. sp.]1, 2

M[achaerota] planitiae Lefroy and Howlett 1909a: 733; Pl. LXXIX, Figs. 1–9 [Life history notes, illustrated, food plants]<sup>3</sup>

M[achaerota] planitiae Lallemand 1912a: 17 [Catalogued]<sup>3</sup>

Machoerata [sic] planitiae Shiraki 1912a: [102] [Economics]<sup>4</sup>

Machaerota planitiae Maki 1914a: 355 [Catalogued, food plants] M[achaerota] planitiae Gravely 1915a: 515; Pl. XXIII, Figs. 9–13 [Biology, illustrated]<sup>1</sup>

Machaerotaplanitiae Distant 1916a: 184 [Notes, food plants, catalogued]  $^{5,\ 6}$ 

Machacrota planitiae Fletcher 1916c: 61 [Economics]<sup>3</sup>

Machacrota planitiae Fletcher 1917d: 116, 118 [Economics, catalogued]<sup>7</sup>
Machacrota planitiae Pierce 1917b: 90; Pl. XVII, Figs. a-i [Economics, life history, illustrated]<sup>3</sup>

[Machaerota] planitiae Schmidt 1918c: 372 [Listed]

Machaerota planitiae Fletcher 1920a: 272 [Economics, catalogued]<sup>7</sup> Machaerota planitiae Misra 1920c: 549 [Listed] :556; Pl. 96, Fig. 2;

Pl. 97, Figs. 1, 2 [Economics, life history, illustrated, catalogued]<sup>7, 8</sup>

Machaerota planitae [sic] Williams 1921a: 50 [Food plants]<sup>3</sup>

Machaerota planitiae Yakhontov 1931a: 32 [Economics]

Machaerota planitiae Norris, Glover, and Aldis 1935a: 41 [Food plants]<sup>3</sup>

Maehaerota planitae [sic] Ayyar 1940a: 476 [Food plants]<sup>3</sup>

M[achaerota] planitiae Lieftinek 1940a: 9 [Food plants]<sup>3</sup>

Machaerota planitiae Thompson 1944a: 69 [Parasites]<sup>3</sup>

Machaerota planitiae Maa 1947a: 1 [Listed]

Machaerota planitiae Mathur 1953a: 151 [Listed]3, 7, 9

Localities: <sup>1</sup> Bengal. <sup>2</sup> Bombay. <sup>3</sup> India. <sup>4</sup> Formosa. <sup>5</sup> Madras. <sup>6</sup> Northern Bengal. <sup>7</sup> Bihar. <sup>8</sup> Burma. <sup>9</sup> Uttar Pradesh.

pugionata Signoret [nee Stål]. See Pachymachaerota signoreti Schmidt. pugionata Stål. See Pachymachaerota pugionata Stål.

### punctatonervosa Signoret

M[achaerota] punetatonervosa Signoret 1879c: xlix [n. sp.]<sup>1</sup>

M[aehaerota] punctatonervosa Atkinson 1886b: 196 [Catalogued]<sup>t</sup>

Mach[aerota] punetatonervosa Schmidt 1907b: 187 [Key]<sup>1</sup> :191 [Described, catalogued]<sup>1</sup>

Maehaerota punctatonervosa Kirkaldy 1910a: 103 (1) [Listed]<sup>1</sup>

M[achaerota] punctatoncrvosa Lallemand 1912a: 17 [Catalogued]<sup>1</sup>

Machaerota punctatonervosa Meliehar 1914b: 116 [Catalogued]<sup>2</sup>

[Machaerota] punctatonervosa Schmidt 1918e: 371 [Listed]

Machaerota punetatonervosa Metcalf and Horton 1934a: 425 [Notes, eatalogued]

M[aehaerota] punctatonervosa Wu 1935a: 34 [Catalogued]<sup>1</sup>

 $M[achaerota]\ punctatonervosa$ Wu 1935b: 151 [Catalogued]

Machaerota punctatonervosa Maa 1947a: 14 [Described, key] :17, 23 [Listed]<sup>1</sup> :26 [Catalogued]<sup>1</sup>

Localities: 1 China. 2 Java.

#### punctulata Signoret

M[achaerota] punctulata Signoret 1879c: xlix [n. sp.]<sup>1</sup>

Machaerota punetulata Atkinson 1885a: 23 [Described, eatalogued]<sup>1</sup>

Maeh[aerota] punctulata Schmidt 1907b: 187 [Key]<sup>1</sup> :191 [Described, catalogued]<sup>1</sup>

Machaerota punetulata Distant 1908g: 83 [Described, eatalogued]<sup>1</sup>

M[aehaerota] punetulata Lallemand 1912a: 17 [Catalogued]<sup>1</sup>

[Machaerota] punetulata Schmidt 1918c: 371 [Listed]

Localities: 1 Assam.

### rastrata Walker

Narnia rastrata Walker 1870a: 193 [n. sp.]<sup>1</sup>

N[arnia] rostrata [sie] Buekton 1903a: 268 [Catalogued]

Narnia rastrata Distant 1908g: 81 [Comparative note, catalogued]<sup>1</sup>

M[aehacrota] rastrata Lallemand 1912a: 17 [Catalogued]<sup>1</sup> Equals Narnia [rastrata] Walk.

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[Narnia] rostrata [sic] Funkhouser 1927f: 448 [Catalogued]<sup>2</sup>

[Machaerota] rostrata [sic] Jacobi 1928a: 46 [Listed]<sup>1</sup>

[Narnia] rostrata [sic] Goding 1935a: 335 [Key, catalogued]<sup>1, 3</sup>

Machaerota rastrata Jacobi 1941a: 282 [Notes]<sup>1</sup>

Machaerota rostrata [sic] Lallemand and Synave 1953a: 234 [Catalogued]<sup>1, 4</sup> Equals Narnia rostrata [sic] Walk.

Localities: <sup>1</sup> Flores. <sup>2</sup> Brazil. <sup>3</sup> Celebes Islands. <sup>4</sup> Sumba.

rostrata. Typographical error for Machaerota rastrata Walker. spångbergi Signoret. See Conmachaerota spångbergi Signoret.

#### subnasuta Maa

Machaerota subnasuta Maa 1949a: 17; Figs. 4a-d [n. sp., illustrated]<sup>1</sup>:14 [Listed]

Localities: 1 Java.

#### takeuchii Kato

Machaerota takeuchii Kato 1931c: 60; Figs. A, B [n. sp., illustrated]<sup>1</sup>

Machaerota takeuchii Esaki 1932b: 1717; 1 fig. [Described, illustrated]<sup>2</sup>

Machaerota takeuchii Matsumura 1932e: 197 [Catalogued]

Machaerota takeuchii Kato 1933b: Pl. 47, Fig. 6 [Notes, illustrated]<sup>2</sup>

Machaerota takeuchii Kato 1933p: 31 [Listed]<sup>2</sup>

Machaerota takeuchii [Kato] 1935f: 67 [Distribution]<sup>2</sup>

Machaerota takeuchii Kato 1939i: 643; Figs. 1, 2 [Life history notes, illustrated] :648 [Catalogued, food plants]<sup>1</sup>

Machacrota takeuchii Matsumura 1940a: 40 [Comparative note]

Asichaerota [sic] takeuchii Matsumura 1940a: 81 [Catalogued]<sup>3</sup> Equals Machaerota [takeuchii Kato]

[Asimachaerota takeuchii] Maa 1947a: 13, 23 Equals Machaerota takeuchii Kato

[Eumachaerota takeuchii] Maa 1949a: 12 [Notes] Equals Mach[aerota] takeuchii Kato Equals [Asimachaerota takeuchii Kato]

Eum[achaerota] takeuchii Maa 1949a: 14 [Comparative note]<sup>2</sup>

Machaerota takeushii [sic] Esaki 1950a: 271; Fig. 714 [Described, illustrated]<sup>2</sup>

Machaerota takeunsphci [sic] Kato 1952a: 38; Figs. 1 (1–3) [Notes, food plants, illustrated]<sup>2</sup>

Machaerota takeuchii Kato 1952b: 15; Pl. VIII, Fig. 8 [Notes, illustrated]<sup>2</sup>

Localities: 1 Honshu. 2 Japan. 3 Formosu.

takeunsphei. Typographical error for Machaerota takeuchii Kato.

takeushii. Typographical error for Machaerota takeuchii Kato.

tonkinensis Liu [nom. nud.]. See Machacrota coomani Lallemand.

### Genus Conditor Distant

Orthotype C[onditor] collatatus [n. sp.] Distant 1916a: 184

Conditor

Distant 1916a: 184 [gen. n.]

Baker 1919a: 67 [Notes, eatalogued]

Sehulze, Kükenthal and Heider 1927b: 773 [Catalogued]

Neave 1939a: 815 [Catalogued]

Maa 1947a: 12, 22 [Key]

### collatatus Distant

Conditor collatatus Distant 1916a: 185; Fig. 141 [n. sp., illustrated]<sup>1</sup> Localities: <sup>1</sup> Cochin.

## Genus Eumachaerota Schmidt

Orthotype Eumachaerota siebersi [n. sp.] Sehmidt 1928b: 111 Type [Eumachaerota] siebersi Maa 1949a: 12

## [Asimachaerota Matsumura]

[Orthotype Asichaerota [sie] taiheisana [n. sp.] Matsumura 1940a: 40] [Type Asimach[aerota] taiheisana Maa 1949a: 12]

Eumaehaerota

Sehmidt 1928b: 111 [gen. n.]

Neave 1939b: 332 [Catalogued]

A simachaerota

Matsumura 1940a: 39 [gen. n., key]

Asichaerota [sie]

Matsumura 1940a: 40 [gen. n.]

Trocentaerota (Sic)

Maisumura 1940a. 40 [gen. II.]

Eumaehaerota

Maa 1947a: 12, 22 [Key]

Asimachaerota

Maa 1947a: 12, 22 [Key] :13 [Described] Equals Asichaerota [sie] :23 [Taxonomy] To Machaerota

(?) [error] :26 [Catalogue of species from China]

Eumaehaerota

Maa 1949a: 12 [Notes, eatalogued] Equals Asimach-

aerota Mats. Equals Asiehaerota [sie] Mats.

Asichaerota [sie]

Neave 1950a: 24 [Catalogued]

#### foveata Maa

Eumachaerota foveata Maa 1949a: 12; Figs. 1a-e [n. sp., illustrated, notes]<sup>1</sup>

Localities: 1 Celebes.

#### sicbersi Sehmidt

Eumachaerota siebersi Schmidt 1928b: 111 [n. sp.]<sup>1</sup>

[Eumachaerota] siebersi Maa 1949a: 12 [Notes] :14 [Comparative notel<sup>1</sup>

LOCALITIES: 1 Kai Islands.

takeuchii Kato, See Machaerota takeuchii Kato.

#### taiheisana Matsumura

Asichaerota [sie] taiheisana Matsumura 1940a: 40 [n. sp.]<sup>1</sup> :81 [Listed]<sup>1</sup> Asimachaerota taiheisana Maa 1947a: 13 [Described] :17, 23 [Listed]<sup>1</sup> :26 [Catalogued]<sup>1</sup> Equals Asichaerota [sie] taiheisana Mats.

[Eumachaerota taiheisana] Maa 1949a: 12 [Notes] Equals Asimach-[aerota] taiheisana Mats.

Eumach[aerota] taiheisana Maa 1949a: 14 [Comparative note]<sup>1</sup> Localities: <sup>1</sup> Formosa.

### Genus Conmachaerota Schmidt

ORTHOTYPE Conmachaerota notoceras Schmidt 1918e: 371

Type [Conmachaerota] notoceras Baker 1927a: 533

ORTHOTYPE Machaerota notoceras Metealf and Horton 1934a: 424

#### Conmaehaerota Sehmidt 1918e: 371 [gen. n.]

Baker 1927a: 533 [Notes, key to species] Lallemand 1927b: 100 [Comparative note]

Sehulze, Kükenthal and Heider 1927b: 776 [Catalogued]

Sehmidt 1928b: 111 [Comparative note]

Brues and Melander 1932a: 109 [Zoogeography]

Metealf and Horton 1934a: 424 [Key, notes, eatalogued]

Wu 1935b: 151 [Catalogued] Neave 1939a: 818 [Catalogued]

Matsumura 1942b: 105 [Key]

Maa 1947a: 1, 24 [Listed] :12, 22 [Key] :15 [Notes] :26 [Catalogue of species from China]

Maa 1949a: 12 [Listed] :14 To Machaerota Burm.

[error]: 20 [Comparative note] Lallemand 1951a: 82 [Catalogued]

Mathur 1953a: 146 [Listed]: 151 [List of species from India]

Brues, Melander, and Carpenter 1954a: 144 [Zoo-geography]

#### attenuata Baker

Conmachaerota attenuata Baker 1927a: 534; Pl. 1, Figs. 1–3 [n. sp., key, illustrated]<sup>1</sup>

LOCALITIES: 1 Mindanao.

#### bakeri Lallemand

Conmachaerota bakeri Lallemand 1951a: 82 [n. sp. (?)]<sup>1</sup> Localities: <sup>1</sup> Luzon.

### brunnipes Sehmidt

Conmachaerota brunnipes Sehmidt 1918e: 373 [n. sp.]<sup>1</sup> :372 [Listed] Localities: <sup>1</sup> Lower Burma.

#### carinata Lallemand

Conmachaerota carinata Lallemand 1951a: 83 [n. sp.]<sup>1</sup> Localities: <sup>1</sup> Sumatra.

#### coronata Maa

Conmachaerota coronata Maa 1947a: 16, 24; Pl. H, Figs. 8, 10–12 [n. sp., illustrated]<sup>1</sup>:17 [Listed]:26 [Catalogued]<sup>1</sup> Localities: <sup>1</sup> Fukien.

### discreta Schmidt

Conmachaerota discreta Schmidt 1918c: 372 [n. sp.]<sup>1</sup>

Localities: 1 Tenasserim.

guttigera Westwood. See Machaerota guttigera Westwood, mindanaensis Baker. See Machaerota mindanaensis Baker.

#### notoceras Schmidt

Mach[acrota] notoceras Schmidt 1907b: 187 [n. sp., key]<sup>1, 2</sup> :192 [n. sp., l<sup>1, 2</sup>]

M[achaerota] notoceras Lallemand 1912a: 17 [Catalogued]<sup>1, 2</sup>

Machaerota notoceras Melichar 1914b: 115 [Catalogued]<sup>2</sup>

Conmachaerota notoccras Sehmidt 1918e: 371 [Listed]

M[achacrota] notoceras Baker 1919a: 69 [Notes, key] :70; Pl. I, Figs. 1. 9 [Catalogued, illustrated]<sup>3, 4</sup>

C[onmachacrota] notoceras Baker 1927a: 533 [Key] :534, 535 [Comparative notes]

M[achaerota] notoccras Jacobi 1928a: 45 [Comparative note, catalogued]

Conmachaerota notoccras Metcalf and Horton 1934a: 425; Pl. 42. Figs. 119, 124 [Notes, illustrated, eatalogued]<sup>1, 2, 5</sup> Equals Machaerota notoccras Schmidt

C[onmachaerota] notoceras Wu 1935b: 151 [Catalogued]<sup>I, 2, 5</sup> Equals Machaerota [notoceras] Schmidt

Conmachacrota notoceras Maa 1947a: 16 [Described] :17, 24 [Listed]<sup>1, 2, 5</sup> :27 [Catalogued]<sup>1, 2, 3, 5</sup> Equals Machaerota notoceras Schmidt

Machaerota notoccras Maa 1949a: 14; Fig. 2 [Described, illustrated, notes]<sup>2</sup>:16 [Comparative note]

Localities: <sup>1</sup> Sumatra. <sup>2</sup> Java. <sup>3</sup> Penang. <sup>4</sup> Malaya. <sup>5</sup> Hainan. philippinensis Baker. See Machaerota philippinensis Baker.

#### spångbergi Signoret

M[achaerota] spångbergi Signoret 1879c: xlviii [n. sp.]<sup>1</sup>

 $Machaerota\ spångbergi\ Atkinson\ 1885a\colon 22\ [Described,\ catalogued]^{\scriptscriptstyle \rm I}$ 

 $Machaerota\ spångbergi\ {\rm Distant}\ 1908g\colon 82\ [{\rm Described,\ eatalogued}]^{\scriptscriptstyle 1}$ 

 $M[achaerota]\ spångbergi\ Lallemand\ 1912a;\ 17\ [Catalogued]^{\rm I}$ 

Conmachacrota spångbergi Schmidt 1918c: 372 [Listed]

Machacrota spångbergi Handlirsch 1925a: 1114; Fig. 1017 [Venation illustratedl

Conmachacrota spångbergi Mathur 1953a: 151 [Listed]<sup>2, 3</sup>

Localities: 1 Assam. 2 India, 3 Uttar Pradesh.

## Genus Pachymachaerota Schmidt

ORTHOTYPE Pachymachaerota nigrifrons [n. sp.] Schmidt 1907b: 194 Type Pachymachaerota nigrifrons Lallemand 1912a: 17

Pachymachaerota Schmidt 1907b: 184 [gen. n., key] :194 [gen. n., key to species

Kirkaldy 1907d: 22 [Key]

Lallemand 1912a: 16 [Key]:17 [Described, eatalogued]

Waterhouse 1912a: 207 [Catalogued]

Baker 1919a: 67 [Comparative notes] :68 [Zoogeography

Schulze, Kükenthal and Heider 1933b: 2437 [Cataloguedl

Metcalf and Horton 1934a: 424 [Key, catalogued]

Neave 1940a: 511 [Catalogued] Maa 1947a: 12, 22 [Key]

#### nigrifrons Schmidt

Pachym[achaerota] nigrifrons Schmidt 1907b: 196 [n. sp., key]<sup>1</sup>:197; Fig. 8 [n. sp., illustrated]<sup>1</sup>

P[achymachacrota] nigrifrons Lallemand 1912a: 18 [Catalogued]<sup>1</sup> Localities: 1 Sumba.

pugionata Signoret [nec Stål]. See Pachymachaerota signoreti Schmidt.

## pugionata Stål

M[achaerota] pugionata Stål 1865b: 154 [n. sp.]<sup>1</sup>

M[achaerota] pugionata Atkinson 1889a: 336 [Listed]<sup>1</sup>

M[achaerota] pugionata Kirkaldy 1906c; 388 [Catalogued]<sup>2</sup>

Pachymachaerota [pugionata] Kirkaldy 1907d: 22 Equals Machaerota pugionata

Pachym[achaerota] pugionata Schmidt 1907b: 196 [Key]<sup>1</sup>:198 [Deseribed, catalogued Equals Machacrota pugionata Stål

Mach[aerota] pugionata Schmidt 1907b: 199 [Comparative note]

P[achymachacrota] pugionata Lallemand 1912a: 18 [Catalogued]<sup>1</sup>

Pachymachaerota pugionata Jacobi 1928a: 46 [Notes]3

Localities: <sup>1</sup> Northern Australia. <sup>2</sup> Australia. <sup>3</sup> Western Australia.

## signoreti Schmidt

M[achaerota] gupionata [sie] [nec Stål] Signoret 1879c: xlix [Described]<sup>1</sup> [Pachymachaerota signorcti] Kirkaldy 1907d: 22 Equals [Machaerota] pugionata Sign. [nec Stål]

Pachymachaerota signoreti Sehmidt 1907b: 197 [Key]<sup>1</sup>:199 Nom. nov. pro Machaerota pugionata Signoret [1879] [nec Machaerota pugionata Stål 1865] [Deseribed, eatalogued]<sup>1</sup>

P[achymachaerota] signoreti Lallemand 1912a: 18 [Catalogued]<sup>1</sup> Equals Machaerota pugionata Sign. [nec Stål]

Localities: 1 Australia.

## Subfamily MAXUDEINAE Schmidt

Maxudeini

Schmidt 1907b: 167 *Tribe* [Key] :175 [Listed]

Lallemand 1912a: 7 Tribe [Key]:12 [Described, eata-

logued]

Baker 1919a: 69 [Key] :76 [Listed] Handlirseh 1925a: 1114 [Listed] Baker 1927a: 531 Subfamily [Key]

Maxudeinae

Brues and Melander 1932a: 109 [Key] Metealf and Horton 1934a: 424 [Key]

China 1935e: 82 [Listed]
Metcalf 1939a: 247 [Listed]
Metealf 1944b: 151 [Bibliography]

Maa 1947a: 3 [Key]

Brues, Melander, and Carpenter 1954a: 144 [Key]

## Genus Maxudea Schmidt

ORTHOTYPE Maxudea crassiventris [n. sp.] Sehmidt 1907b: 175 Type Maxudea crassiventris Lallemand 1912a: 13

Maxudea

Sehmidt 1907b: 175 [gen. n.]

Lallemand 1912a: 13 [Described, eatalogued]

Waterhouse 1912a: 167 [Listed]

Baker 1919a: 68 [Notes, zoogeography] :76 [Key to

species, notes]

Schulze, Kükenthal and Heider 1931b: 1986 [Cata-

logued] Neave 1940a: 58 [Catalogued]

#### crassiventris Schmidt

Maxudea crassiventris Sehmidt 1907b: 176; Fig. 4 [n. sp., illustrated]<sup>1</sup> M[axudea] crassiventris Lallemand 1912a: 13 [Catalogued]<sup>1</sup> Maxudea crassiventris Baker 1919a: 77 [Key, notes]

Localities: 1 Sumatra.

#### schmidtii Baker

Maxudea schmidtii Baker 1919a: 77; Text figs. 1a-d [n. sp., key, illustrated]<sup>1, 2</sup>

Localities: 1 Penang. 2 Malaya.

## Genus Promaxudea Lallemand

ORTHOTYPE Promaxudea humboldti [n. sp.] Lallemand 1927b: 100

Promaxudea

Lallemand 1927b: 100 [gen. n.] Neave 1940a: 915 [Catalogued]

#### humboldti Lallemand

Promaxudea humboldti Lallemand 1927b: 100 [n. sp.]<sup>1</sup>

LOCALITIES: 1 Dutch New Guinea.

## GENERIC AND SPECIFIC SYNONYMY

### Genus Asichaerota

Asichaerota, Typographical error for Asimachaerota Matsumura, See Eumachaerota Sehmidt.

## Genus Asimachaerota Matsumura

Asimachaerota Matsumura, See Eumachaerota Sehmidt.

taiheisana Matsumura. See Eumachaerota taiheisana Matsumura. takeuchii Kato, See Machaerota takeuchii Kato.

## Genus Carvstus Stål

Carystus Stål. Sec Hindola Kirkaldv.

\_Spångberg (var.) [mutabilis]. See Hindola mutabilis var.\_Spångberg.

australiae Walker. See Hindola australiae Walker.

compactus Walker. See Chaetophyes compacta Walker.

hyalinipennis Stål. See Hindola hyalinipennis Stål.

hyalinopterus Stål. See Hindola hyalinipennis Stål.

hyalipennis. Typographical error for Carystus hyalinipennis Stål. See Hindola hyalinipennis Stål.

mutabilis Spångberg. See Hindola mutabilis Spångberg.

mutabilis var. Spångberg. See Hindola mutabilis var. Spångberg.

reticulatus Spångberg. See Neurohindola reticulata Spångberg.

semiflavus Walker. See Chaetophyes compacta Walker.

sorurculus Spångberg. Sec Hindola sorurcula Spångberg.

stålii Spångberg. See Hindola stålii Spångberg.

viridicans Stål. See Hindola viridicans Stål.

#### Genus Hindoloiders

Hindoloiders. Typographical error for Hindoloides Distant.

## Genus Macharopsis

Macharopsis. Typographical error for Machaeropsis Melichar.

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## Genus Macherota

Macherota. Typographical error for Machaerota Burmeister.

### Genus Machocrata

Machoerata. Typographical error for Machaerota Burmeister.

## Genus Makiptyelus Maki

Makiptyelus Maki, See Hindola Kirkaldy, dimorphus Maki, See Hindola dimorpha Maki, fasciatus Kato, See Hindola geisha Schumaeher.

### Genus Metaenderleinia Lallemand

Metaenderleinia Lallemand. See Machaeropsis Melichar. nervosa Lallemand. See Machaeropsis nervosa Lallemand.

## Genus Modiglianella

Modiglianella. Typographical error for Modiglianiella Sehmidt. See Hindola Kirkaldy.

## Genus Modiglianiella Schmidt

Modiglianiella Schmidt. See Hindola Kirkaldy. sumatrensis Schmidt. See Hindola sumatrensis Schmidt.

## Genus Narnia Walker

Narnia Walker. See Machaerota Burmeister.
rastrata Walker. See Machaerota rastrata Walker.
rostrata. Typographical error for Narnia rastrata Walker. See Machaerota rastrata Walker.

## Genus Pectinariophyes Kirkaldy

Pectinariophyes Kirkaldy. See Hindola Kirkaldy. antica Jacobi. See Hindola antica Jacobi. pectinaria Kirkaldy. See Hindola pectinaria Kirkaldy.

## Genus Peetinarophyes

Pectinarophyes. Typographical error for Pectinariophyes Kirkaldy. See Hindola Kirkaldy.

## Genus Polyehaetopyhes

Polychaetopyhes. Typographical error for Polychaetophyes Kirkaldy.

## Genus Polytriehophyes Schmidt

Polytrichophyes Schmidt. See Hindola Kirkaldy. aequalior Kirkaldy. See Hindola aequalior Kirkaldy.

### Genus Pseudomachaerta

Pseudomachaerta. Typographical error for Pseudomachaerota Melichar.

## Genus Quinquatrus Distant

 $\label{eq:Quinquatrus} \textit{Quinquatrus Distant. See $Hindola$ Kirkaldy.} \\ \textit{dohertyi Distant. See $Hindola dohertyi Distant.}$ 

## Genus Soa Jacobi

Soa Jacobi. See Soamachaerota Metcalf.
appendiculata Hacker. See Soamachaerota appendiculata Hacker.
tmetoptera Jacobi. See Soamachaerota tmetoptera Jacobi.

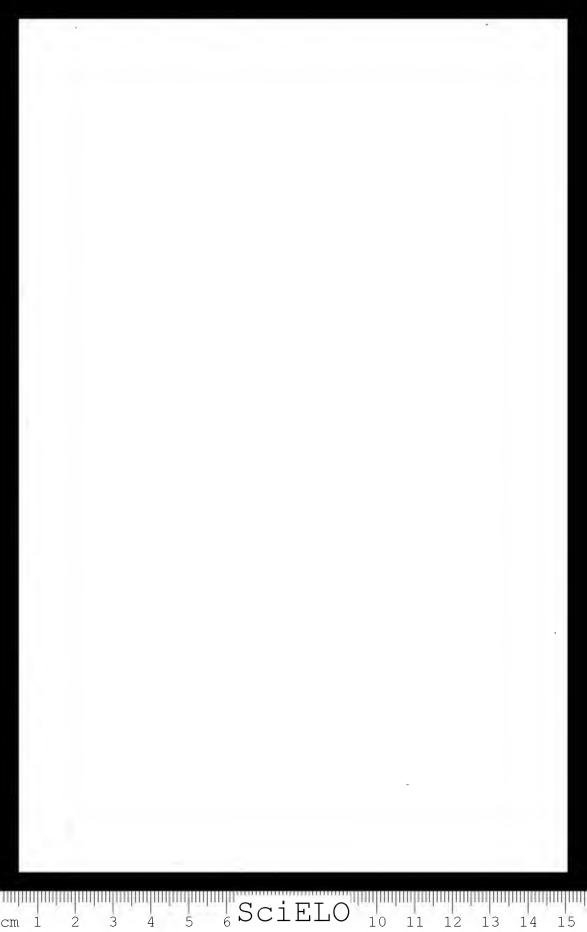
## Genus Taihorina Schumacher

Taihorina Schumacher. See Hindola Kirkaldy. geisha Kato. See Hindola geisha Schumacher. geisha Schumacher. See Hindola geisha Schumacher. tomon Matsumura. See Hindola geisha Schumacher.

### Genus Xenaias Distant

Xenaias Distant. See Hindola Kirkaldy.
notandus Distant. See Hindola notanda Distant.

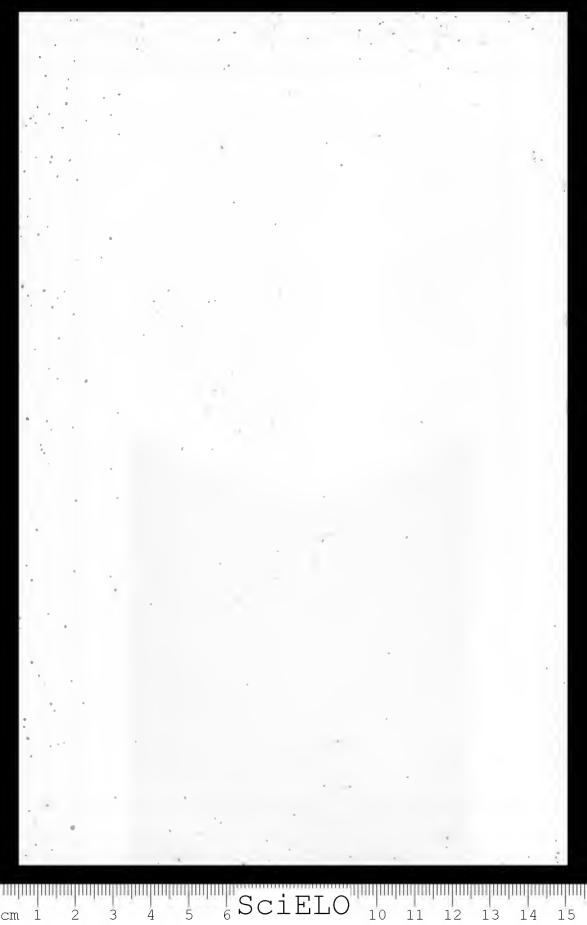
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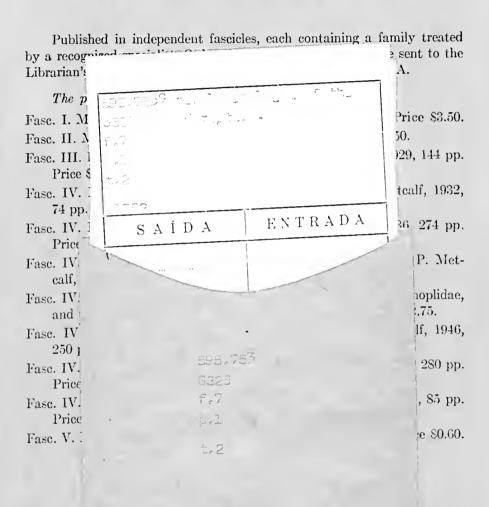
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